



Tools



French manufacturer
since 1964

Chargers, Boosters & Starters

2
0
2
3

- CHARGER
- BSU
- BOOSTER
- STARTER
- TESTER
- JUMPER CABLE
- ACCESSORIES





800 people



125 000 000



55 000 m²
2 factories



visit with

Youtube

INVEST IN THE FUTURE

FR

Créé en 1964, GYS est un groupe industriel français regroupant plus de 800 collaborateurs dans le monde. Fort d'un centre de recherche de premier plan, GYS est un acteur majeur dans la conception et la fabrication d'équipements de soudage, de chargeurs de batteries et de systèmes de réparation carrosserie.

Les nouvelles réalités du marché sont en perpétuel changement et la taille de notre entreprise familiale nous impose une adaptation rapide aux nouveaux contextes et à leurs enjeux.

Nous sommes convaincus que notre avenir est étroitement lié à celui de nos clients. Pour cela, nous mettons tout en oeuvre pour comprendre ce que les distributeurs et les utilisateurs attendent de nous, savoir à quels défis ils font face et voir dans quelle mesure nous pouvons leur permettre de les relever afin de devenir et rester leur partenaire privilégié pour le chemin que nous avons à parcourir ensemble.

DE

GYS wurde 1964 gegründet und ist ein französisches Familienunternehmen mit mehr als 900 Mitarbeitern auf der ganzen Welt. Dank eines erstklassigen Forschungszentrums ist GYS ein wichtiger Akteur in der Entwicklung und Herstellung von Schweißgeräten, Batterieladegeräten und Karosseriereparatursystemen.

Neue Marktbedingungen sind in fortwährender Veränderung und die Größe unseres Familienunternehmens veranlasst eine rasche Anpassung an neue Umstände und an ihre Herausforderungen.

Wir sind überzeugt, dass unsere Zukunft eng mit der unserer Kunden verbunden ist. Dafür setzen wir all unser Können ein, um zu verstehen, was die Händler und Anwender von uns erwarten, welchen Herausforderungen sie gegenüberstehen und um zu schauen, in welchem Maße wir sie unterstützen können, damit wir ihr bevorzugter Partner werden und bleiben auf dem Weg, den wir gemeinsam beschreiten.

IT

Nato nel 1964, GYS è un gruppo industriale francese che raggruppa oltre 800 collaboratori nel mondo. Forte di un centro di ricerca di grande importanza, GYS è uno dei maggiori protagonisti nella progettazione e fabbricazione di apparecchiature per la saldatura e il taglio, di caricabatterie booster e avviatori e sistemi di riparazione delle carrozzerie.

Le realtà del mercato sono in continuo cambiamento e richiedono risposte immediate. Le dimensioni della nostra impresa familiare consentono un adattamento rapido ai nuovi contesti e alle loro problematiche.

Siamo convinti che il nostro futuro sia strettamente legato a quello dei nostri clienti. Per questo noi mettiamo il massimo impegno per capire quello che i distributori e i loro clienti/utilizzatori si aspettano da noi, quali sfide devono affrontare e come possiamo aiutarli per farli crescere, per diventare e restare loro partner di riferimento per proseguire insieme sul cammino del successo.

Created in 1964, GYS is a French industrial group with 800+ employees around the world. Built around continuous investment in Research & Development and in the acquisition of knowledge, the company is now a major player in the design and manufacture of welding machines, battery chargers and car body repair equipment.



Nicolas & Bruno Bouygues

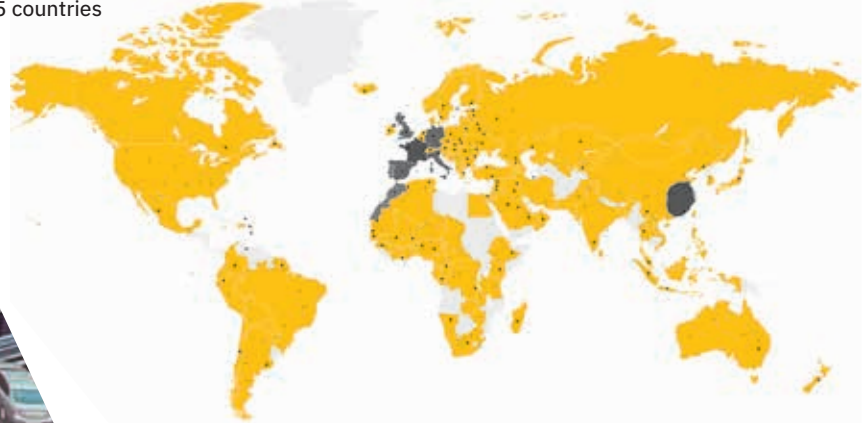
∞ The market realities are constantly changing and the size of our family business requires us to quickly adapt to new contexts and new challenges.

We are convinced that our future is closely linked to the future of our partners. This is why we do everything in our power to understand what distributors and users expect from us and what challenges they face every day. To support them in facing these challenges, we wish to become and remain their privileged partner on the path we will travel together. ∞

Bruno Bouygues,
C.E.O.

A worldwide coverage

125 countries



GYS FRANCE
Laval

🕒 1964
👥 x 550



GYS GERMANY
Aachen

🕒 2006
👥 x 80



GYS U.K.
Rugby

🕒 2008
👥 x 40



GYS CHINA
Shanghai

🕒 2004
👥 x 100



GYS ITALIA
Venezia

🕒 2015
👥 x 25



GYS IBERICA
Madrid

🕒 2022
👥 x 10

Partners



GYS ACADEMY

Training centre dedicated
to professionals

Centre de formation agréé

Trainingcenter für Profis

Centro di formazione dedicato
ai professionisti

Ref. 52 53 0068153



Advanced R&D

 × 90



Metal work
Tôlerie
Blechbearbeitung



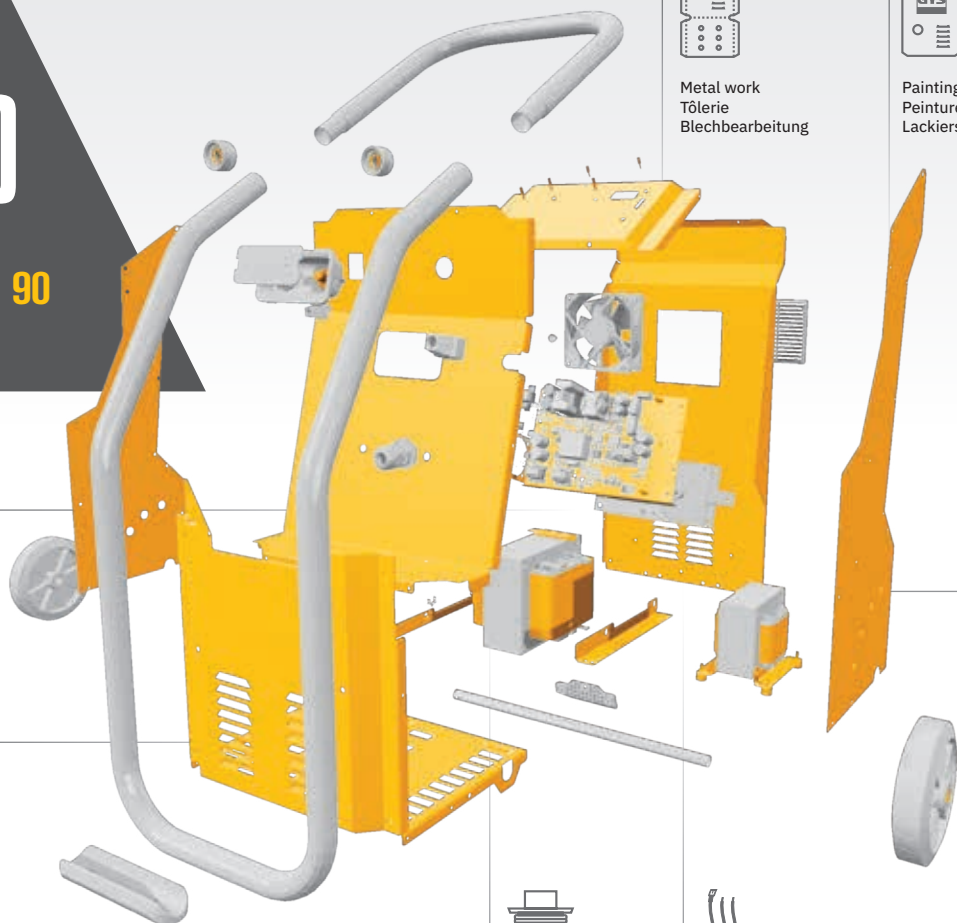
Painting & marking
Peinture & marquage
Lackierstraße



Electronics
Électronique
Elektronik



Mechanical
Mécanique
CNC-Bearbeitung



Assembly
Montage/tests
Montage



Transformers
Transformateurs
Transformatoren



Cable work
Filerie
Kabelkonfektionierung

3 catalogues

3 200+ references



Welding
& Cutting



Car Body
Welding
Systems



Chargers,
Boosters
& Starters

CHARGERS

6 - 12 - 24 - 36 - 48 V

Smart HF



GYSFLASH (Pb)
p.6



GYSFLASH
LITHIUM (LiFePO₄)
p.9



GYSFLASH PL
(Pb/LiFePO₄/Li-ion)
p.10

Connectors p.14
Selection p.15

ON BOARD



GYSFLASH /
GYSPower /
ENERGYS
p.16

BSU



GYSFLASH PRO
p.18



CNT Modules
p.26

Accessories p.30

Chargers



ARTIC
p.32



ENERGY & TCB
p.33



CT, CA & WATTMATIC
p.34



BATIUM
p.36

STARTERS & CHARGERS

12 - 24 V



START & NEOSTART
p.38



STARTIUM
p.40



DIAGSTARTIUM
p.41



STARTFLASH
p.42



BOOSTERS

6 - 12 - 24 V

Traditional (Pb/Lead)



GYSPACK
p.44



GYSPACK PRO
p.47



STARTPACK
TRUCK
p.48



STARTPACK
p.49



ENERGYSTATION
p.51



Selection
p.52

12 - 24 V

Lithium inside



NOMAD POWER & POWER PRO
p.54

12 - 24 V

Super capacitors inside



STARTRONIC
p.56



GYSCAP
p.57



TESTERS

12 - 24 V



TBP, BT, PBT
p.58



ACCESSORIES



Power inverter
p.62



Power Pack
p.65



Jumper cables
p.66



Clamps &
consumables
p.68

Accessories
p.69

Working lights
p.70



MORE

NATO/OTAN selection
p.53

Traction selection
p.53

Charging curves
p.71

Marketing
p.71

100%
in house
production



GYSFLASH

GYSFLASH TECHNOLOGY



Mémorisation des réglages. Redémarrage automatique en cas de coupure électrique.

Save and load settings. Automatic restart in case of power cut.

Einstellungsspeicherung. Automatisches Starten nach einem Netzausfall.



Start/stop Engine :

Compatible véhicules Start/Stop.

Compatible with Start/Stop vehicles.

Geeignet für START-STOP- Fahrzeuge.



Can bus ready : compatible avec la technologie Can Bus, le Gysflash se branche directement sur la prise 12 V de la moto (câble en option).

Can Bus ready: compatible with Can Bus Technology, the Gysflash can be connected to the motorcycle 12V socket (cable is optional).

Can-Bus Ready: Mit der Can-Bus Technologie kompatibel. Das GYSFLASH wird direkt an den 12V-Anschluss des Motorrads angeschlossen (Kabel optional).



Auto Recovery : Récupération des éléments des batteries profondément déchargées (mini 2V) et/ou sulfatées.

Auto Recovery : Recovers deeply discharged (min 2V) and/or sulfated batteries.

Auto Recovery: Wiederherstellung der Zellen bei tiefentladenen bzw. sulfatierten Batterien (min. 2V).



Mode "Cold charge": optimisation des performances en cas de temps froid ou de gel.

"Cold charge" mode: performance-enhancing charging mode for cold or freezing weather conditions.

-Cold Charge--Modus: Leistungsoptimierung bei kaltem Wetter oder bei Frost.



Équipé d'un capteur haute sensibilité, le Gysflash ajuste automatiquement les paramètres de charge en fonction de la température ambiante.

Fitted with a highly sensitive sensor, Gysflash automatically adjusts the charge based on ambient temperature.

Ausgestattet mit einem hochempfindlichen Sensor stellt das GYSFLASH automatisch die Ladeparameter der Umgebungstemperatur entsprechend ein.



Source d'énergie : mode de maintien optimal de l'état de charge. Idéal pour les véhicules en hivernage, de démonstration, ou pour le remplacement de batterie.

Power supply mode: Optimum floating charge, ideal for use during battery change to protect vehicle memory. Also for when the vehicle is not in use for extended periods or for demonstration use.

Energiequelle: Aufrechterhaltung des Batteriezustands. Ideal für Saison-, Ausstellungsfahrzeuge oder bei Batteriewechsel.

CHARGERS Pb

SMART HF INVERTER

BEST SELLER



GYSFLASH 1.12

1 A



F FLASH Connector



1.45 m 0.45 m 0.45 m
029361
UK: 029514

GYSFLASH 4.12 & 4.12S

0.8/4 A



F FLASH Connector



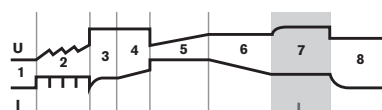
4.12
029422
UK: 029521

4.12S (110 V)
JP: 069190
US: 072701
BR: 072817

SMART CHARGE

7 STEP / 8 STEP

1. Status analysis
2. Recovery
3. Test desulfation
4. Desulfation
5. Fast charge 80%
6. Absorption
7. Refresh (for "8 step" only)
8. Floating 100%



REFRESH 8 STEP

Rééquilibrage des cellules de la batterie pour plus de longévité (suivant modèle).
Rebalancing of the battery cells for greater longevity (not available on all models).

Regenerierung der Batteriezellen für eine längere Lebensdauer (je nach Modell).

110 V



GYSFLASH 4.12 S
GYSFLASH 1.12 PL S



DISPLAY BOX

GYSFLASH
4.12
x 5

026001



YouTube



PLAYLIST
GYSFLASH

IP 65

WATER PROTECTION

GYSFLASH
1.12, 4.12, 6.12, 8.12, 12.12,
6 HERITAGE, 6.24, 9.24, 1.12 PL,
8.12 PL, 6.24 PL, 3.48 PL,
1.12 Lithium, 6.12 Lithium



7

GYSFLASH

SMART HF INVERTER CHARGERS



12V

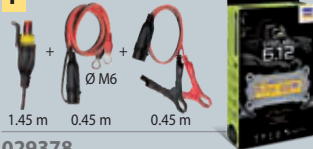
GYSFLASH 6.12

0.8/6 A



REFRESH 8 STEP

F FLASH Connector



029378

029613

GYSFLASH 8.12

8 A



REFRESH 8 STEP



029385

029545

GYSFLASH 12.12

12 A



REFRESH 8 STEP

S SAE Connector



029392

029552

	PATENTS REGISTERED NUMBERS 002280008 & 002279927 EUROPEAN TRADEMARK & DESIGN	50/60 Hz	Power	I _{charge}	V	Charge	Maintenance	Zz	Ondulation/ Ripple	Charging curve	Steps	IP	Weight	Dimensions	
GYSFLASH 1.12		220-240 V AC	1 m	18 W	1 A	12 V	2 > 32 Ah	2 > 100 Ah	<0.4 Ah/month	<150 mV Rms	IUoU	7 steps	IP 65	0.44 kg	130 × 80 × 38 mm
GYSFLASH 4.12		220-240 V AC	2 m	70 W	0,8/4 A	12 V	1.2 > 90 Ah	1.2 > 130 Ah	<0.4 Ah/month	<150 mV Rms	IUoU	7 steps	IP 65	0.69 kg	170 × 90 × 51 mm
GYSFLASH 4.12S		100-127 V AC													
GYSFLASH 6.12		220-240 V AC	2 m	90 W	0,8/6 A	12 V	1.2 > 125 Ah	1.2 > 170 Ah	<0.4 Ah/month	<150 mV Rms	IUoU	8 steps	IP 65	0.77 kg	190 × 100 × 52 mm
GYSFLASH 8.12		220-240 V AC	2 m	130 W	8 A	12 V	15 > 160 Ah	15 > 240 Ah	<0.4 Ah/month	<150 mV Rms	IUoU	8 steps	IP 65	0.85 kg	190 × 100 × 52 mm
GYSFLASH 12.12		220-240 V AC	2 m	195 W	12 A	12 V	20 > 250 Ah	20 > 330 Ah	<0.4 Ah/month	<100 mV Rms	IUoU	8 steps	IP 65	1.1 kg	221 × 111 × 58 mm

DESIGN
GYS
FRANCE

MADE IN
GYS CHINA



CHARGERS Pb

SMART HF INVERTER



HERITAGE • 6/12V

GYSFLASH 6 HERITAGE

0.8/6A

GO > 2V SSM

REFRESH 8 STEP

F FLASH Connector



1.45 m 0.45 m 0.45 m

029538



6/12/24V

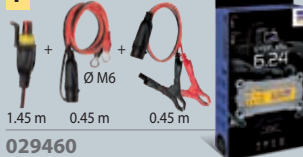
GYSFLASH 6.24

0.8/6A

GO > 2V SSM START STOP

7 STEP

F FLASH Connector



1.45 m 0.45 m 0.45 m

029460

UK: 029644



GYSFLASH 9.24

9A

GO > 2V SSM START STOP

REFRESH 8 STEP

S SAE Connector



0.40 m 1.45 m

029477

UK: 029651

PATENTS REGISTERED NUMBERS 002280008 & 002279927 EUROPEAN TRADEMARK & DESIGN	50 / 60 Hz	Power	I _{charge}	V	Charge	Maintenance	Zz	Ondulation/Ripple	Charging curve	IP	Weight	Dimensions		
													Power	I _{charge}
GYSFLASH 6 HERITAGE	220-240 V AC	2 m	90 W	0,8/6 A	6/12 V	1.2 > 125 Ah	1.2 > 170 Ah	<0.4 Ah / month	<150 mV Rms	IUoU	8 steps	IP 65	0.77 kg	190 × 100 × 52 mm
GYSFLASH 6.24	220-240 V AC	2 m	130 W	0,8/6 A	6/12 V	1.2 > 125 Ah	1.2 > 170 Ah	<0.4 Ah / month	<150 mV Rms	IUoU	7 step	IP 65	0.85 kg	190 × 100 × 52 mm
			0,8/4 A	24 V	1.2 > 100 Ah	1.2 > 140 Ah								
GYSFLASH 9.24	220-240 V AC	2 m	190 W	9 A	6/12 V	18 > 220 Ah	18 > 300 Ah	<0.4 Ah / month	<100 mV Rms	IUoU	8 step	IP 65	1.1 kg	221 × 111 × 58 mm
			6 A	24 V	15 > 125 Ah	15 > 170 Ah								

GYSFLASH TECHNOLOGY

SSM

Mémorisation des réglages. Redémarrage automatique en cas de coupure électrique.

Save and load settings. Automatic restart in case of power cut.

Einstellungsspeicherung. Automatisches Starten nach einem Netzausfall.

START STOP

Start/stop Engine :

Compatible véhicules Start/Stop.

Compatible with Start/Stop vehicles.

Geeignet für START-STOP- Fahrzeuge.

CAN BUS



Can bus ready : compatible avec la technologie Can Bus, le Gysflash se branche directement sur la prise 12 V de la moto (câble en option).

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Can-Bus Ready : Mit der Can-Bus Technologie kompatibel. Das GYSFLASH wird direkt an den 12V-Anschluss des Motorrads angeschlossen (Kabel optional).

Auto Recovery

Auto Recovery : Récupération des éléments des batteries profondément déchargées (mini 2V) et/ou sulfatées.

Auto Recovery : Recovers deeply discharged (min 2V) and/or sulfated batteries.

Auto Recovery : Wiederherstellung der Zellen bei tiefentladenen bzw. sulfatierten Batterien (min. 2V).

t°

Équipé d'un capteur haute sensibilité, le Gysflash ajuste automatiquement les paramètres de charge en fonction de la température ambiante.

Fitted with a highly sensitive sensor, Gysflash automatically adjusts the charge based on ambient temperature.

Ausgestattet mit einem hochempfindlichen Sensor stellt das GYSFLASH automatisch die Ladeparameter der Umgebungstemperatur entsprechend ein.



GYSFLASH LITHIUM

LiFePO₄



12V

GYSFLASH 1.12 Lithium

1 A

GO > 7 V SSM CAN BUS

8 STEP LiFePO₄ LAB

F FLASH Connector



029675

GYSFLASH 6.12 Lithium

4/6 A

GO > 2 V SSM CAN BUS

8 STEP LiFePO₄ LAB

F FLASH Connector



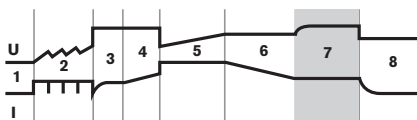
029729

SMART CHARGE

7 STEP / 8 STEP / 8 STEP LiFePO₄

Pb

1. Status analysis
2. Recovery
3. Test desulfation
4. Desulfation
5. Fast charge 80%
6. Absorption
7. Refresh (for "8 step" only)
8. Floating 100%

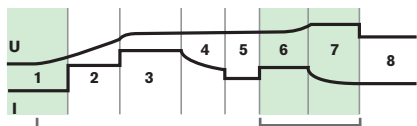


REFRESH 8 STEP

Rééquilibrage des cellules de la batterie pour plus de longévité (suivant modèle).
Rebalancing of the battery cells for greater longevity (not available on all models).
Regenerierung der Batteriezellen für eine längere Lebensdauer (je nach Modell).

LiFePO₄ (LFP)

1. UVP Wake up - Status analysis
2. Recovery
3. Fast charge 90%
4. Absorption 95%
5. Test
6. Completion
7. Equalization
8. Floating 100%



UVP Wake up (Under Voltage Protection)

Réactivation de la batterie en protection UVP.
Battery reactivation when in UVP protection.
Reaktivierung der Batterie mit UVP-Schutz.

Equalizing Balancing System

Équilibrage des cellules.
Balancing of the battery cells.
Ausgleich der Batteriezellen.

DESIGN
GYS FRANCE
MADE IN
GYS CHINA

	50 / 60 Hz	Power	I charge	V	Charge	Maintenance	Zz	Ondulation/ Ripple	Charging curve	IP	Weight	Dimensions	
GYSFLASH 1.12 Lithium	220-240 V AC	1 m	18 W	1 A	12 V	0.5 > 20 Ah	0.5 > 50 Ah	<0.4 Ah/month	<150 mV Rms	IUoU	8 step	IP 65	0.44 kg 130 × 80 × 38 mm
GYSFLASH 6.12 Lithium	220-240 V AC	2 m	90 W	4/6 A	12 V	1.2 > 125 Ah	1.2 > 170 Ah	<0.4 Ah/month	<150 mV Rms	IUoU	8 step	IP 65	0.77 kg 190 × 100 × 52 mm



GYSFLASH PL

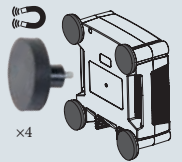
CHARGERS Pb/LiFePO4

SMART HF INVERTER

OPTION

Gysflash 18.12 PL, 30.12 PL, 20.12/24 PL, 10.36/48 PL

Magnetfix 20 026063



NEW
03 2023



12V

GYSFLASH 1.12 PL & 1.12 PL S

1 A

GO > 7 V SSM START STOP CAN BUS

7 STEP Pb 8 STEP LiFePO4

(Bell icon) (Batteries icon)



1.12 PL
026902
027541

1.12 PL S (110 V)
070851
072794
072824

GYSFLASH 8.12 PL

1/4 / 8 A

GO > 2 V SSM START STOP CAN BUS

7 STEP Pb 8 STEP LiFePO4

(Bell icon) (Batteries icon)



069282

GYSFLASH 18.12 PL

7/12 / 18 A

GO > 2 V

GO > 2 V SSM START STOP

t° (Temperature icon) 7 STEP Pb

8 STEP LiFePO4 (Bell icon) (Batteries icon)



026926

PATENTS REGISTERED NUMBERS 002280008 & 002279927 EUROPEAN TRADEMARK & DESIGN		50 / 60 Hz	Power	I _{charge}	V	Charge	Maintenance	Zz	Ondulation/ Ripple	Charging curve	IP	Weight	Dimensions	
DESIGN GYS FRANCE	GYSFLASH 1.12 PL	220-240 V AC	20 W	1 A	12 V	2 > 32 Ah (Pb) 0.5 > 20 Ah (LiFePO4)	2 > 100 Ah (Pb) 0.5 > 50 Ah (LiFePO4)	<0.4 Ah/ month	<150 mV Rms	IUoU	7 step (Pb) 8 step (LiFePO4)	IP 65	0,69 kg	170 × 90 × 51 mm
MADE IN GYS CHINA	GYSFLASH 8.12 PL	220-240 V AC	130 W	1/4/8 A	12 V	15 > 160Ah (Pb) 1.2 > 160 Ah (LiFePO4)	15 > 240Ah (Pb) 1.2 > 240 Ah (LiFePO4)	<0.4 Ah/ month	<150 mV Rms	IUoU	7 step (Pb) 8 step (LiFePO4)	IP 65	0,85 kg	190 × 100 × 52 mm
MADE IN FRANCE	GYSFLASH 18.12 PL	220-240 V AC	300 W	7/12/18 A	12 V	15 > 270 Ah (Pb) 7 > 270 Ah (LiFePO4)		<0.5 Ah/ month	<100 mV Rms	IUoU	7 step (Pb) 8 step (LiFePO4)	IP 43	1,55 kg	190 × 190 × 73 mm



INTENSIVE

INTENSIVE



SC SMART COOLING TECHNOLOGY

100% DUST PROOF



SILENT

SHOCK RESISTANT

IP 23

INDOOR / OUTDOOR

IP 65

INDOOR / OUTDOOR



GYSFLASH 30.12 PL

7/15 / 30 A

GO > 2 V | SSM | START STOP

t° | 7 STEP Pb | 8 STEP LiFePO₄

A ANDERSON Connector



029668
UK: 026070

GYSFLASH 32.12 PL

7/15 / 30 A

GO > 2 V | SSM | START STOP

t° | 7 STEP Pb | 8 STEP LiFePO₄ | SC

2,5 m - 6 mm²
027381



GYSFLASH 20.12/24 PL

7/15 / 20 A

GO > 2 V | SSM | START STOP

t° | 7 STEP Pb | 8 STEP LiFePO₄

A ANDERSON Connector



026049
UK: 027558

GYSFLASH 15.24 XTREM

15 A

GO > 2 V | SSM | START STOP

t° | 7 STEP Pb | 8 STEP LiFePO₄ | SC

Double insulation



5 m - 4 mm²
025813

12 / 24 V

PATENTS REGISTERED NUMBERS
002280008 & 002279927
EUROPEAN TRADEMARK & DESIGN

	50 / 60 Hz	Power	I _{charge}	V	Charge	Maintenance	Z _z	Ondulation/ Ripple	Charging curve	IP	Weight	Dimensions
GYSFLASH 30.12 PL	220-240 V AC	2 m / 500 W	7/15/30 A	12 V	15 > 375 Ah (Pb) 7 > 375 Ah (LiFePO ₄)	<0.5 Ah/month	<150 mV Rms	IUoU	7 step (Pb) 8 step (LiFePO ₄)	IP 43	1,85 kg	190x190 x73 mm
GYSFLASH 32.12 PL	230 V	2.5 m / 500 W	7/15/30 A	12 V	10 > 400 Ah	<0.5 Ah/month	<150 mV Rms	IUoU	—	IP 23	4,7 kg	80 x 250 x 200 mm
GYSFLASH 20.12/24 PL	220-240 V AC	2 m / 500 W	7/15/20 A 7/15 A	12 V 24 V	15 > 300 Ah (Pb) 7 > 300 Ah (LiFePO ₄) 15 > 240 Ah (Pb) 7 > 240 Ah (LiFePO ₄)	<1 Ah/month	<150 mV Rms	IUoU	7 step (Pb) 8 step (LiFePO ₄)	IP 43	1,85 kg	190x190 x73 mm
GYSFLASH 15.24 XTREM	230 V	2.5 m / 500 W	7/10/15 A	12/24 V	5 > 240 Ah	<1 Ah/month	<150 mV Rms	IUoU	—	IP 65	5,4 kg	75 x 250 x 210 mm

MADE
IN
FRANCE

GYSFLASH TECHNOLOGY

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t°

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Fitted with a highly sensitive sensor, Gysflash automatically adjusts the charge based on ambient temperature.

Ausgestattet mit einem hochempfindlichen Sensor stellt das GYSFLASH automatisch die Ladeparameter der Umgebungstemperatur entsprechend ein.



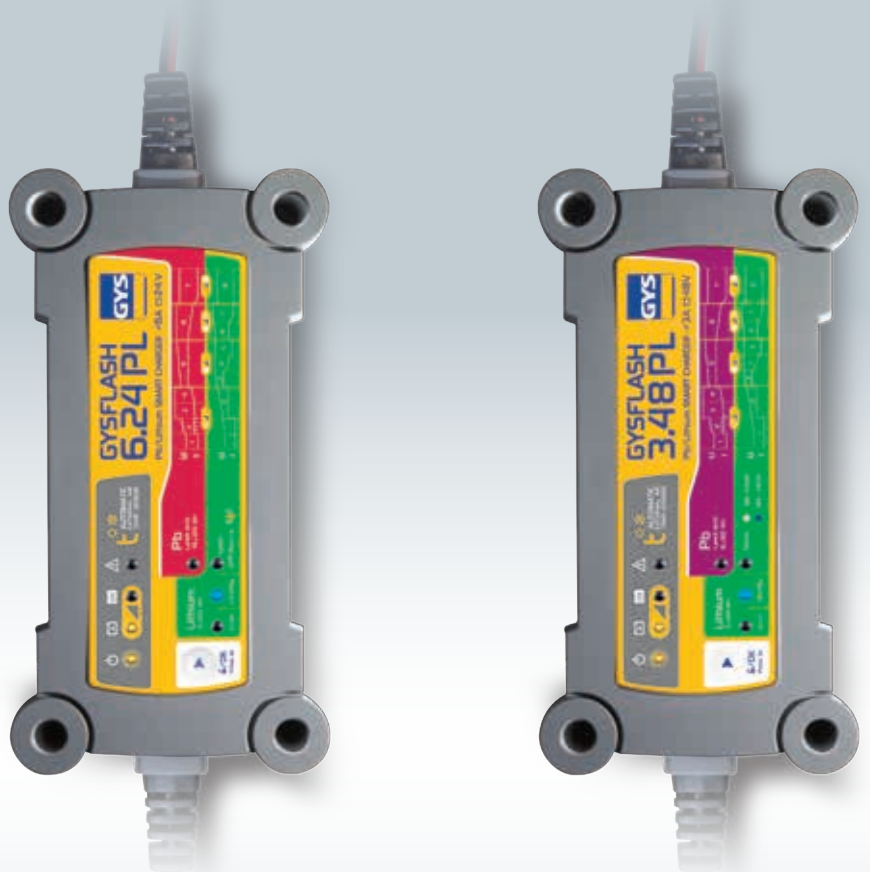
GYSFLASH

CHARGERS Pb/Lithium

SMART HF INVERTER



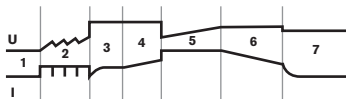
LiFePO₄ / Li-ion / Li-Po / NMC / LCO / MCO / NCA...



SMART CHARGE 7 STEP / 8 STEP LiFePO₄

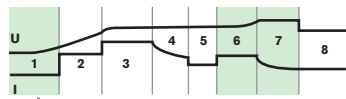
Pb

1. Status analysis
2. Recovery
3. Test desulfation
4. Desulfation
5. Fast charge 80%
6. Absorption
7. Floating 100%



LiFePO₄ (LFP) / Li-ion

1. UVP Wake up - Status analysis
2. Recovery
3. Fast charge 90%
4. Absorption 95%
5. Test
6. Completion
7. Equalization
8. Floating 100%



UVP Wake up (Under Voltage Protection)
Reactivation de la batterie en protection UVP.
Battery reactivation when in UVP protection.
Reaktivierung der Batterie mit UVP-Schutz.

Equalizing Balancing System
Équilibrage des cellules.
Balancing of the battery cells.
Ausgleich der Batteriezellen.

24 V • ELECTRICAL MOBILITY

GYSFLASH 6.24 PL

6 A

GO > 2 V

GO > 2 V



7 STEP Pb

8 STEP LiFePO₄

8 STEP Li-ion

S SAE Connector



1.45 m 0.45 m 0.45 m



027398

48 V

GYSFLASH 3.48 PL

3 A

GO > 5 V



7 STEP Pb

8 STEP LiFePO₄

8 STEP Li-ion

S SAE Connector



1.45 m 0.45 m



027893

DESIGN GYS FRANCE



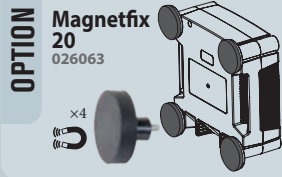
PATENTS REGISTERED NUMBERS
002280008 & 002279927
EUROPEAN TRADEMARK & DESIGN

MADE IN GYS CHINA

MADE IN FRANCE

DESIGN GYS FRANCE	50 / 60 Hz	Power	I _{charge}	V	n cell			Charge	Maintenance	
					Pb	LFP	NMC			
GYSFLASH 6.24 PL	220-240 V AC	2 m	190 W	6 A	24V	12	8	6	15 > 125 Ah (Pb) 2 > 170 Ah (Li)	15 > 170 Ah (Pb) 2 > 170 Ah (Li)
GYSFLASH 3.48 PL	220-240 V AC	2 m	195 W	3 A	48V	24	15/16	13/14	6 > 60 Ah 3 > 85 Ah	6 > 85 Ah 3 > 85 Ah
GYSFLASH 10.36/48 PL	220-240 V AC	2 m	500 W	10 A	36V	18	12	9	20 > 230 Ah (Pb) 10 > 230 Ah (Li)	20 > 230 Ah (Pb) 10 > 230 Ah (Li)
				8 A	48V	24	15/16	13/14	15 > 160 Ah (Pb) 8 > 160 Ah (Li)	15 > 160 Ah (Pb) 8 > 160 Ah (Li)

ELECTRICAL MOBILITY



INDUSTRY / ELECTRICAL MOBILITY • 36 / 48 V

GYSFLASH 10.36/48 PL

10A



A ANDERSON Connector



027060



Ondulation/Ripple

Charging curve



IP



<0.4 Ah /month

<150 mV Rms

IUoU

7 step (Pb)
8 step (Li)

IP 65

1,1 kg

221×111×58 mm

<0.4 Ah /month

<150 mV Rms

IUoU

7 step (Pb)
8 step (Li)

IP 65

1,1 kg

221×111×58 mm

<0.4 Ah /month

<150 mV Rms

IUoU

7 step (Pb)
8 step (Li)

IP 43

1,85 kg

190×190×73 mm

ELECTRICAL MOBILITY

MOBILITY



SAE CONNECTOR S3
027428

OUTDOOR



ANDERSON CONNECTOR
A3
027855



SAE CONNECTOR S4
027442



SAE CONNECTOR S3
027428

INDUSTRY



SAE CONNECTOR S5
027473

MEDICAL



SAE CONNECTOR S3
027428

Une solution complète • A complete solution • Eine Komplettlösung



F Flash Connector GYSFLASH ≤ 6A : 1.12 / 4.12 / 6.12 / 6 Heritage / 6.24 / 1.12 Li / 6.12 Li / 1.12 PL

F1 / Clamps L 0.45 m (1.3 mm ²) All 026889	F2 / Charge indicator L 0.56 m (1.3 mm ²) All 12V LEAD 029149	F3 / Eyelets ø M6 L 0.45 m (1.3 mm ²) All 12V 029194 ø M8 L 0.45 m (1.3 mm ²) 027626	F4 / Charge indicator eyelets ø M6 L 0.56 m (1.3 mm ²) All 12V LEAD 029200	F5 / Cigarette lighter L 0.45 m (0.82 mm ²) 029439	F6 / Cable L 2.50 m (1.3 mm ²) All 029057	F7 / Connector MLX L 0.45 m (1.3 mm ²) 027589	F8 Adapter S / F - F / S L 0.45 m (1.3 mm ²) 027480	F9 Adapter F / A L 0.45 m (1.3 mm ²) 025820

S SAE Connector GYSFLASH < 16A : 8.12 PL / 12.12 / 9.24 / 6.24 / 3.48 PL

S1 / Clamps L 1.50 m (1.3 mm ²) All +Showroom Gysflash 1212 027688	S2 / Eyelets ø M6 L 0.45 m (1.3 mm ²) 027466 ø M8 L 0.45 m (1.3 mm ²) 027633 ø M10 L 0.45 m (1.3 mm ²) 027640	S3 / XLR 3 pin L 0.45 m (1.3 mm ²) 027428	S4 / T-Bar L 0.45 m (1.3 mm ²) 027442	S5 Adapter S / A L 0.45 m (1.3 mm ²) 027473	S6 KIT SAE / JACK (max 5 A) L 0.45 m (1.3 mm ²) 025646	S7 / Cigarette lighter Only for 8.12 PL L 0.45 m (1.3 mm ²) 10 A max 077331	S8 / Cable L 2.5 m (4 mm ²) 077348

A ANDERSON Connector GYSFLASH < 40A : 18.12 PL / 30.12 PL / 20.12-24 PL / 10.36-48 PL

A1 / Clamps All L 1.90 m (4 mm ²) 026094 L 6 m (4 mm ²) 027435	A2 / Eyelets 4 mm ² ø M6 L 0.40 m 027657 ø M8 L 0.40 m 027664 ø M8 L 1.90 m 027794 ø M10 L 0.40 m 027671	A3 / Anderson L 1.5 m (4 mm ²) 027855

XTREM CABLES GYSFLASH 15.24 XTREM






























2pts/NATO Spiral 5 m 028968	2pts/NATO 5 m - 4 mm ² 025837	2pts/DIN14690 Emergency vehicle 5 m 028777

SELECT THE RIGHT GYSFLASH

CHOISISSEZ VOTRE GYSFLASH • WÄHLEN SIE IHR GYSFLASH AUS

 SPECIAL PROJECT - CONTACT US



GYSFLASH						MEDICAL SERVICE - LEISURE	MOTORBIKE LIGHT MOBILITY	AUTO - CAMPER VAN - TRUCK	MARINE	INDUS TRY	URBAN
	6V	12V	24V	36V	48V	     	   	         	   	 	 

Pb

1.12										M										
1.12 PL										M										
4.12									M	M				M						
6.12											M			M						
8.12		12V										M								
8.12 PL												M								
12.12																				
18.12 PL																				
30.12 PL																				
6 Heritage	6V	12V									M			M						
6.24 PL			24V																	
20.12/24 PL		12V	24V																	
6.24	6V	12V	24V			M						M	M	M			M			
9.24												M				M				
3/48 PL					48V															
10.36/48 PL				36V	48V															

LiFePO4

1.12 Lithium										M										
1.12 PL										M										
6.12 Lithium		12V																		
8.12 PL																				
18.12 PL																				
30.12 PL																				
6.24 PL			24V																	
20.12/24 PL		12V	24V																	
3/48 PL					48V															
10.36/48 PL				36V	48V															

Li-ion

6.24 PL			24V																	
3/48 PL					48V															
10.36/48 PL				36V	48V															

M = maintenance only

SPECIAL PROJECT - CONTACT US

Contact us for special projects. Quick customization :
CAN BUS / CAN Open / J1939 / NMEA 2000 / RS485 /
SM BVS / Automation / Relays...

SC SMART COOLING TECHNOLOGY

100% DUST PROOF



HIGH EFFICIENCY
Up to 15%
Energy Saving

93%

EMC class B



SILENT

[ALU] RUST PROTECTION

ULTRA LIGHTWEIGHT

VIBRATION & SHOCK RESISTANT

-25 / +60°C

GYSFLASH PL-E TECHNOLOGIES

SSM Mémorisation des réglages. Redémarrage automatique en cas de coupure électrique.

Save and load settings. Automatic restart in the event of a power cut.

Einstellungsspeicherung. Automatisches Starten nach einem Netzausfall.

Auto Recovery : Récupération des éléments des batteries profondément déchargées (mini 2V) et/ou sulfatées.

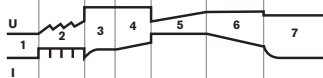
Auto Recovery : Recovers deeply discharged (min 2V) and/or sulfated batteries.

Auto Recovery: Wiederherstellung der Zellen bei tiefentladenen bzw. sulfatierten Batterien (min. 2V).

SMART CHARGE

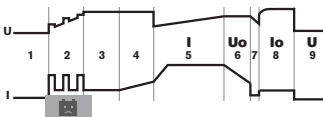
Pb

1. Status analysis
2. Recovery
3. Test desulfation
4. Desulfation
5. Fast charge 80%
6. Absorption
7. Floating 100%



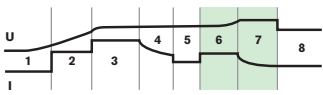
Pb TRACTION

1. Status analysis
2. Recovery
3. Sulphation test
4. Desulfation
5. Fast charge 80%
6. Absorption
7. Test Absorption
8. Refresh
9. Floating 100%



LiFePO₄ (LFP) / Li-ion

1. Status analysis
2. Recovery
3. Fast charge 90%
4. Absorption 95%
5. Test
6. Completion
7. Equalization
8. Floating 100%



Equalizing Balancing System
Equilibrage des cellules.
Balancing of the battery cells.
Ausgleich der Batteriezellen.



OUTDOOR - LEISURE



MOBILITY



MARINE



AGRI



MEDICAL



PROFESSIONAL



INDUSTRY



GYSFLASH / GYSPOWER

ON BOARD CHARGERS FOR Pb & LITHIUM BATTERIES

EMBARQUÉ ON BOARD

Pb

✓ NMC / LCO / MCO / NCA...

Lithium

✓ LiFePO₄ / Li-ion / Li-Po



7 cm
GYSFLASH 18.12 PL-E

8 cm
GYSFLASH 30.12 PL-E
GYSFLASH 15.24 PL-E
GYSFLASH 10.36 PL-E
GYSFLASH 8.48 PL-E

12V

GYSFLASH 18.12 PL-E
18 A
Pb / LFP
025806

GYSFLASH 30.12 PL-E
30 A **COMING SOON**
Pb / LFP

OPEN & CONNECT

cables not included

4 pts connector included
3G
0.75 x 2.5 mm²



3 pts connector included
max 2.5 mm²
or AWG14

INCLUDED



Ø 5.5 mm
GYSFLASH 18.12 PL-E, 15.24 PL-E, 10.36 PL-E, 8.48 PL-E
Fixing Kit

MADE IN FRANCE	50 / 60 Hz		START MINI	I max	25°C @ 100%	40°C @ 100%	50°C @ 100%	60°C @ 100%
GYSFLASH 18.12 PL-E	230V	12V	300W	2V 18A	18A	16A	14A	12.5A
GYSFLASH 30.12 PL-E	230V	12V	500W	2V 30A	30A	27A	23A	18A
GYSFLASH 15.24 PL-E	230V	24V	500W	2V 15A	15A	13.5A	11.5A	9A
GYSFLASH 10.36 PL-E	230V	36V	500W	2V 10A	10A	9A	7.5A	6A
GYSFLASH 8.48 PL-E	230V	48V	500W	2V 8A	8A	7A	6A	5A



PFC POWER FACTOR CORRECTION 185 V ← 265 V
 110 V 230 V



24 V GYSFLASH 15.24 PL-E 15 A Pb / Traction / LFP / Li-ion 025943	36 V GYSFLASH 10.36 PL-E 10 A COMING SOON Pb / Traction / LFP / Li-ion 025950	48 V GYSFLASH 8.48 PL-E 8 A COMING SOON Pb / Traction / LFP / Li-ion
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INDUSTRIAL CHARGERS

COMING SOON

PB / Traction / LFP / Li-ion
CAN BUS / CAN OPEN / J1939 / NMEA 2000 / R9485 / SM BVS

GYSPOWER 24 V : 15 A - 30 A - 50 A - 100 A

GYSPOWER 36 V : 10 A - 20 A - 30 A

GYSPOWER 48 V : 8 A - 25 A - 50 A

Pb		LFP	Zz	Ondulation/ Ripple	IP	↑	⚖
36 > 270 Ah	18 > 270 Ah	<0.4 Ah/month	<150 mV Rms	20	21.5 × 7 × 17.5 cm	1.3 kg	
60 > 400 Ah	30 > 400 Ah	<0.4 Ah/month	<150 mV Rms	20	21.5 × 8 × 17.5 cm	1.6 kg	
30 > 240 Ah	15 > 240 Ah	<0.4 Ah/month	<150 mV Rms	20	21.5 × 8 × 17.5 cm	1.6 kg	
20 > 230 Ah	10 > 230 Ah	<0.4 Ah/month	<150 mV Rms	20	21.5 × 8 × 17.5 cm	1.6 kg	
15 > 160 Ah	8 > 160 Ah	<0.4 Ah/month	<150 mV Rms	20	21.5 × 8 × 17.5 cm	1.6 kg	



ENERGY



POWER INVERTER DC > DC REVERSIBLE

EMBARQUÉ
ON BOARD

17

Pb

Lithium

✓ Liquid / Gel, AGM

✓ LiFePO4

NEW
03 2023



ENERGY DC/DC 50.12 / 24

50 A

072534

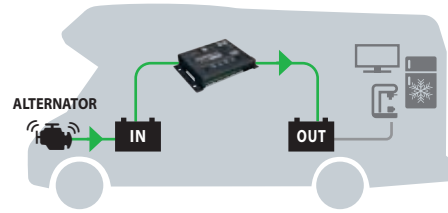
	U input	U output	I output	POWER	EFFICIENCY	Zz	T° USE	OUTPUT	↑	⚖
ENERGY DC/DC 50.12/24	10-32 V	0-32 V	50 A	1500 W	98 %	<1 mA	50 °C	6 mm ² min	135 × 35 × 200	520

GYSFLASH / ENERGY
EMBARQUÉ / ON BOARD

EURO 6 STANDARD



when starting the vehicle



OPEN & CONNECT



4 pts connector included
0.75 > 2.5 mm²

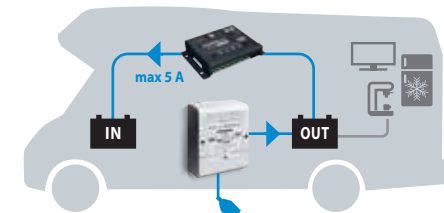
Connector included
min 6 mm²
or AWG9

cables not included

DOUBLE CHARGING

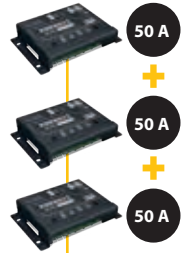
vehicle stopped

WITH GYSFLASH



MORE OUTPUT POWER

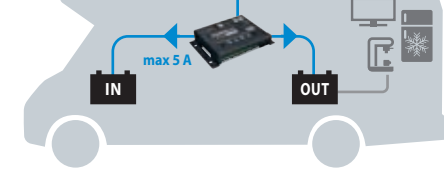
PARALLEL CHARGING



150 A

WITH SOLAR PANEL

MPPT integrated
(Max Power Point Tracker)

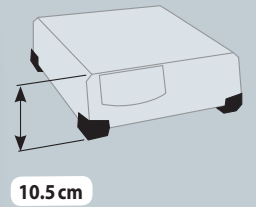




GYSFLASH PRO

YouTube

PLAYLIST
GYSFLASH
PRO



BSU & CHARGERS

BATTERY SUPPORT UNIT



SC SMART COOLING TECHNOLOGY

100% DUST PROOF

SILENT

SMART 9 STEP

Pb

- Status analysis
- Recovery
- Sulphation test
- Desulfation
- Fast charge 80%
- Absorption
- Test Absorption
- Refresh
- Floating 100%

LiFePO₄

UVP Wake up (Under Voltage Protection), Battery reactivation when in UVP protection

Equalizing Balancing System 100% Perfect charge

- Status analysis
- UVP Wake Up
- Recovery
- Fast charge 90%
- Absorption 95%
- Test
- Completion
- Equalization
- Floating 100%

CHARGE

Pb AUTOMOTIVE

- ✓ GEL
- ✓ AGM
- ✓ LIQUID
- ✓ EASY
- ✓ EXPERT

Pb TRACTION

- ✓ GEL
- ✓ LIQUID

LITHIUM READY

- ✓ LFP/LiFePO₄

12 V

GYSFLASH 30.12

30 A

PFC SC

2,5 m - 6 mm²

029224

GYSFLASH 50.12 FV

50 A

PFC FV SC

2,5 m - 10 mm²

026056

GYSFLASH 100.12

100 A

PFC SC

2,5 m - 16 mm²

029071

029453

5 m - 16 mm²

029415

029002

BSU

DIAG +

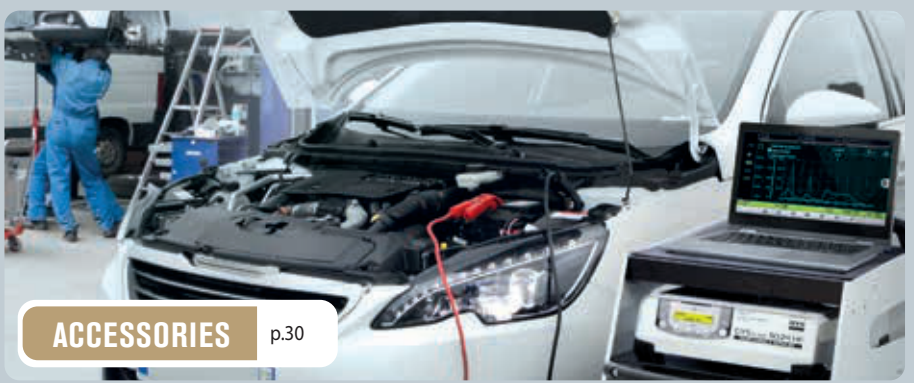
U2 ADJUSTABLE

SHOWROOM

CHANGE BATTERY

POWER SUPPLY

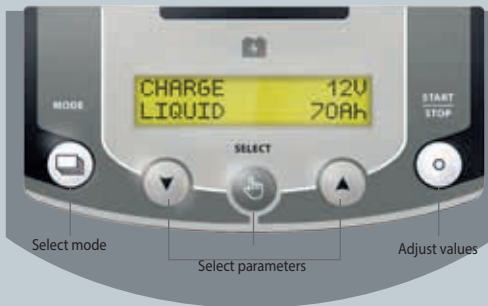
U2 & I2 max ADJUSTABLE



ACCESSORIES p.30

PFC POWER FACTOR CORRECTION

FV FLEXIBLE VOLTAGE
85 V ← 265 V
110 V 230 V



22 languages

- GB DK CZ
- FR FI PL
- DE TR SK
- NL HR UA
- ES GR
- PT HU
- IT CN simplified
- RU CN traditional
- SE JP



6 / 12 / 24 V

GYSFLASH 30.24
30 A
PFC SC
2,5 m - 6 mm²
029231

GYSFLASH 50.24
50 A
PFC SC
2,5 m - 10 mm²
029095
5 m - 16 mm²
029620

12 V

GYSFLASH 102.12
100 A
PFC SC
5 m - 16 mm²
029606

MADE IN FRANCE	50/60 Hz	V	mm ²	Battery Icon	⚡	START MINI	I max	25°C @100%	40°C @100%	Battery Icon	TRACTION BATTERIES	SHOWROOM CONNECT	IP	↕	⚖️
GYSFLASH 30.12	185 > 265 V	2,5 m	6	12V	540W	2V	30 A	30 A	30 A	10 > 400 Ah	—	0 M6	21	25,5 × 10,5 × 23 cm	4.9 kg
GYSFLASH 50.12 FV	85 > 265 V	2,5 m	10	12V	850W	2V	50 A	50 A	40 A	10 > 600 Ah	—	0 M6	21	30 × 10,5 × 29 cm	6.6 kg
GYSFLASH 100.12	185 > 265 V	2,5 m 5 m	16	12V	1600W	2V	100 A	75 A	66 A	20 > 1200 Ah	—	0 M6	21	32 × 10,5 × 29.2 cm	7.4 kg 8.3 kg
GYSFLASH 30.24	185 > 265 V	2,5 m	6	6V 12V 24V	540 W	2V	30 A 30 A 15 A	30 A 30 A 15 A	30 A 30 A 15 A	10 > 400 Ah 10 > 200 Ah	•	0 M6	21	25,5 × 10,5 × 23 cm	4.9 kg
GYSFLASH 50.24	185 > 265 V	2,5 m 5 m	10 16	6V 12V 24V	1600 W	2V	50 A	50 A 50 A 45 A	45 A 40 A 35 A	10 > 600 Ah	•	0 M6	21	30 × 10,5 × 29.2 cm	6.6 kg 7.9 kg
GYSFLASH 102.12	185 > 265 V	5 m	16	12V	1600W	2V	100 A	75 A	66 A	20 > 1200 Ah	—	0 M6	21	12 × 34,5 × 29,5 cm	9.1 kg



GYSFLASH PRO CNT

PFC POWER FACTOR CORRECTION

FV FLEXIBLE VOLTAGE



BSU & CHARGERS

BATTERY SUPPORT UNIT

CNT
Connected
Technology
FULL CUSTOMIZABLE
p.26

12V (factory preset)
24V READY

Use custom configuration tool (detail p.26)



12 V

GYSFLASH 51.12 CNT FV

50 A

PFC FV SC CNT

2,5 m - 10 mm²
068179



GYSFLASH 101.12 CNT

100 A

PFC SC CNT

2,5 m - 16 mm²
025790



GYSFLASH 121.12 CNT FV

120 A

PFC FV CNT

5 m - 25 mm²
026971

027756

071605



SC

SMART COOLING
TECHNOLOGY

100% DUST PROOF

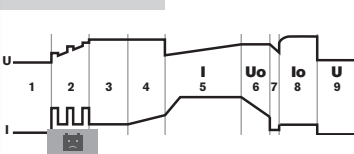


SILENT



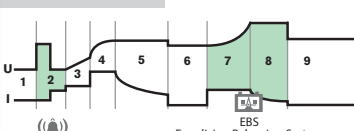
SMART 9 STEP

Pb



- Status analysis
- Recovery
- Sulphation test
- Desulfation
- Fast charge 80%
- Absorption
- Test Absorption
- Refresh
- Floating 100%

LiFePO₄



- Status analysis
- UVP Wake Up
- Recovery
- Fast charge 90%
- Absorption 95%
- Test
- Completion
- Equalization
- Floating 100%

UVP Wake up (Under Voltage Protection), Battery reactivation when in UVP protection

EBS Equalizing Balancing System 100% Perfect charge

CHARGE

(150 CURVES CAPACITY)

Pb AUTOMOTIVE

- ✓ GEL
- ✓ AGM
- ✓ LIQUID
- ✓ EASY
- ✓ EXPERT
- ✓ NORMAL
- ✓ BOOST
- ✓ RECOVERY+
- ✓ and more

Pb TRACTION

- ✓ GEL
- ✓ LIQUID
- ✓ and more

LITHIUM READY

- ✓ LFP/LiFePO₄
- ✓ LI-ION STD
- ✓ LFP CELL+
- ✓ LI-ION CELL+
- ✓ and more

BSU

(15 CURVES CAPACITY)

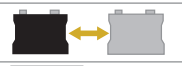
DIAG +



SHOWROOM



CHANGE BATTERY



POWER SUPPLY



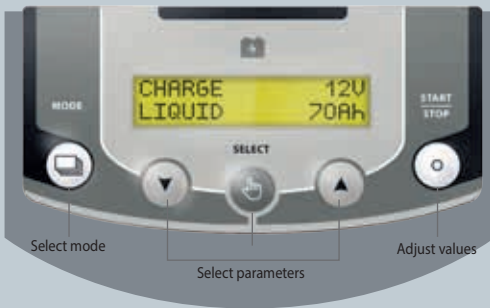
AND MORE

✓ TEST

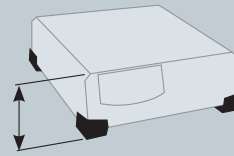
- ✓ VOLTAGE
- ✓ START UP
- ✓ ALTERNATOR

✓ STARTER

- ✓ START


22 languages

GB	RU	GR	CN simplified
FR	SE	CZ	CN traditional
DE	DK	PL	JP
NL	FI	SK	
ES	TR	UA	
PT	HR		
IT	HU		


10.5 cm

 51.12 CNT
101.12 CNT

13 cm

 121.12 CNT FV
125.12CNT FV
101.24 CNT FV
51.48 CNT FV

6 / 12 / 24V
GYSFLASH 101.24 CNT FV
100 A
PFC FV CNT

 5 m - 25 mm²
025967

6 / 12 / 24 / 36 / 48 V
GYSFLASH 51.48 CNT FV
50 A
PFC FV CNT

 5 m - 16 mm²
072015

GYSFLASH 125.12 CNT FV
120 A 120 A @ 100%

PFC FV CNT

 5 m - 25 mm²
028883

CNT
Connected Modules & Technology
p.26


MADE IN FRANCE	50/60 Hz	V L	mm ²	START MINI	I _{max}	25°C @ 100%	40°C @ 100%	TRACTION BATTERIES	SHOWROOM CONNECT	IP	↑	Weight			
GYSFLASH 51.12 CNT FV	85 > 265 V	2,5 m	10	12V	850W	1V	50 A	50 A	40 A	10 > 600 Ah	●	0 M6	41	30 × 10,5 × 29 cm	6.8 kg
				24V			25 A	25 A	20 A	10 > 300 Ah					
GYSFLASH 101.12 CNT	185 > 265 V	2,5 m	16	12V	1600W	1V	100 A	75 A	66 A	20 > 1200Ah	●	0 M6	21	32 × 10,5 × 29,2 cm	7.5 kg
				5 m			5 m	5 m	5 m	5 m					
GYSFLASH 121.12 CNT FV	85 > 265 V	5 m	25	12V	2000W	1V	110V : 100 A 230V : 120 A	75 A 110 A	55 A 90 A	20 > 1200Ah	●	0 M6	20	31 × 13 × 26 cm	10.4 kg
GYSFLASH 125.12 CNT FV	85 > 265 V	5 m	25	12V	2000W	1V	110V : 100 A 230V : 120 A	100 A 120 A	77 A 116 A	20 > 1200Ah	●	0 M6	40	31 × 13 × 26 cm	10.9 kg
GYSFLASH 101.24 CNT FV	85 > 265 V	5 m	25	6/12V	3200W	1V	110V : 100 A 230V : 100 A	72 A 89 A	47 A 68 A	20 > 1200Ah	●	0 M6	20	31 × 13 × 26 cm	10.6 kg
				24V			110V : 50 A 230V : 100 A	50 A 76 A	35 A 59 A						
GYSFLASH 51.48 CNT FV	85 > 265 V	5 m	16	6/12/24V	3200W	1V	110V : 50 A 230V : 50 A	50 A 50 A	28 A 41 A	10 > 600 Ah	●	0 M6	20	31 × 13 × 26 cm	8.1 kg
				36/48V			110V : 25 A 230V : 50 A	26 A 48 A	20 A 37 A						



GYSFLASH PRO CNT

BSU & CHARGERS

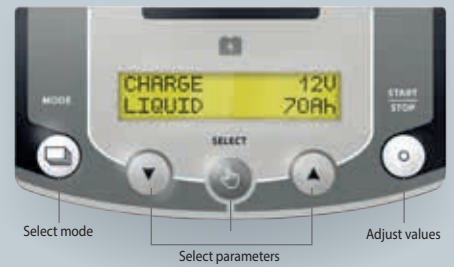
BATTERY SUPPORT UNIT

CNT

Connected Technology

FULL CUSTOMIZABLE

p.26



22 languages

GB	NL	IT	DK	HR	PL	UA	CN simplified
FR	ES	RU	FI	GR	SK		CN traditional
DE	PT	SE	TR	CZ	HU		JP



12 V

GYSFLASH 103.12 CNT

100 A

PFC SC CNT

5 m - 16 mm²
072008



GYSFLASH 123.12 CNT FV

120 A

PFC FV CNT

5 m - 25 mm²
025677



6 / 12 / 24V

GYSFLASH 103.24 CNT FV

100 A

PFC FV CNT

5 m - 25 mm²
025684



SC

SMART COOLING TECHNOLOGY

100% DUST PROOF

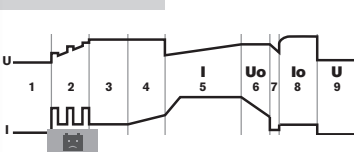


SILENT



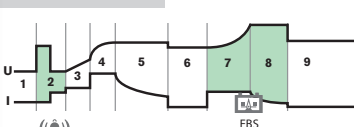
SMART 9 STEP

Pb



1. Status analysis
2. Recovery
3. Sulphation test
4. Desulfation
5. Fast charge 80%
6. Absorption
7. Test Absorption
8. Refresh
9. Floating 100%

LiFePO₄



1. Status analysis
2. UVP Wake Up
3. Recovery
4. Fast charge 90%
5. Absorption 95%
6. Test
7. Completion
8. Equalization
9. Floating 100%

UVP Wake up (Under Voltage Protection). Battery reactivation when in UVP protection
EBS Equalizing Balancing System 100% Perfect charge

CHARGE

(150 CURVES CAPACITY)

Pb AUTOMOTIVE

- ✓ GEL
- ✓ AGM
- ✓ LIQUID
- ✓ EASY
- ✓ EXPERT
- ✓ NORMAL
- ✓ BOOST
- ✓ RECOVERY+
- ✓ and more

Pb TRACTION

- ✓ GEL
- ✓ LIQUID
- ✓ and more

LITHIUM READY

- ✓ LFP/LiFePO₄
- ✓ LI-ION STD
- ✓ LFP CELL+
- ✓ LI-ION CELL+
- ✓ and more

BSU

(15 CURVES CAPACITY)

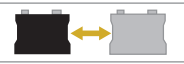
DIAG +



SHOWROOM



CHANGE BATTERY



POWER SUPPLY



AND MORE

TEST

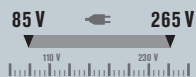
- ✓ VOLTAGE
- ✓ START UP
- ✓ ALTERNATOR

STARTER

- ✓ START

PFC POWER FACTOR CORRECTION

FV FLEXIBLE VOLTAGE



NEW
01 2023

TRACTION



6 / 12 / 24 / 36 / 48 V

GYSFLASH 25.48 CNT FV

25 A

PFC FV CNT

5 m - 16 mm²
075962



GYSFLASH 53.48 CNT FV

50 A

PFC FV CNT

5 m - 16 mm²
025998



CNT

Connected Modules & Technology
p.26



MADE IN FRANCE

	50 / 60 Hz	V	mm ²	12V	1600W	START MINI	I _{max}	25°C @100%	40°C @100%	20 · 1200Ah	TRACTION BATTERIES	SHOWROOM CONNECT	IP		
GYSFLASH 103.12 CNT	185 · 265 V	5 m	16	12 V	1600 W	1 V	100 A	75 A	66 A	20 · 1200 Ah	—	0 M6	21	12 × 34.5 × 29.5 cm	9.1 kg
GYSFLASH 123.12 CNT FV	85 · 265 V	5 m	25	12 V	2000 W	1 V	110 V : 100 A 230 V : 120 A	100 A 120 A	85 A 120 A	20 · 1200 Ah	•	0 M6	30	34 × 25 × 15 cm	11 kg
GYSFLASH 103.24 CNT FV	85 · 265 V	5 m	25	6/12 V 24 V	3200 W	1 V	110 V : 100 A 230 V : 100 A 110 V : 50 A 230 V : 100 A	100 A 100 A 50 A 95 A	68 A 79 A 47 A 72 A	20 · 1200 Ah	•	0 M6	30	34 × 25 × 15 cm	11 kg
GYSFLASH 25.48 CNT FV	85 · 265 V	5 m	10	6/12/24/ 36/48 V	1600 W	1 V	110 V : 12 A 230 V : 25 A	NC	NC	10 · 300 Ah	•	0 M6	21	12 × 34.5 × 29.5 cm	NC
GYSFLASH 53.48 CNT FV	85 · 265 V	5 m	16	6/12/24/ 36/48 V	3200 W	1 V	110 V : 50 A 230 V : 50 A 110 V : 25 A 230 V : 50 A	50 A 50 A 26 A 48 A	28 A 41 A 20 A 37 A	10 · 600 Ah	•	0 M6	30	34 × 25 × 15 cm	9,5 kg



GYSFLASH PRO CNT

PFC POWER FACTOR CORRECTION

FV FLEXIBLE VOLTAGE
85 V ← 265 V
110 V 230 V
GYSFLASH 148.12 CNT FV

BSU & CHARGERS

BATTERY SUPPORT UNIT

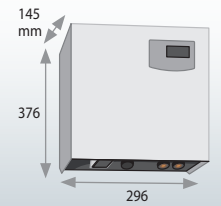
CNT
Connected
Technology
FULL CUSTOMIZABLE
p.26

NEW



IP 54
DUST & SPLASH PROTECTION

NATURAL CONVECTION
t°



12 V

QR code, YouTube icon, PLAYLIST CNT TECHNOLOGY

GYSFLASH 148.12 CNT FV

145 A

1 ~

PFC FV CNT

5 m - 25 mm²
069916



SC SMART COOLING TECHNOLOGY
100% DUST PROOF
SILENT

SMART 9 STEP

Pb

- Status analysis
- Recovery
- Sulphation test
- Desulfation
- Fast charge 80%
- Absorption
- Test Absorption
- Refresh
- Floating 100%

LiFePO₄

- Status analysis
- UVP Wake Up
- Recovery 90%
- Fast charge 90%
- Absorption 95%
- Test
- Completion
- Equalization
- Floating 100%

UVP Wake up (Under Voltage Protection). Battery reactivation when in UVP protection
EBS Equalizing Balancing System 100% Perfect charge

CHARGE (150 CURVES CAPACITY)

Pb AUTOMOTIVE

- ✓ GEL
- ✓ AGM
- ✓ LIQUID
- ✓ EASY
- ✓ EXPERT
- ✓ NORMAL
- ✓ BOOST
- ✓ RECOVERY+
- ✓ and more

Pb TRACTION

- ✓ GEL
- ✓ LIQUID
- ✓ and more

LITHIUM READY

- ✓ LFP/LiFePO₄
- ✓ LI-ION STD
- ✓ LFP CELL+
- ✓ LI-ION CELL+
- ✓ and more

BSU (15 CURVES CAPACITY)

DIAG +

U2 ADJUSTABLE

POWER SUPPLY

U2 & 12 max ADJUSTABLE

AND MORE

TEST

- ✓ VOLTAGE
- ✓ START UP
- ✓ ALTERNATOR

STARTER

- ✓ START

FV FLEXIBLE VOLTAGE
 320V ← 520V
 400 V ← 480 V
 GYSFLASH 158.12 CNT FV



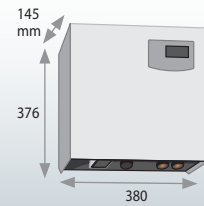
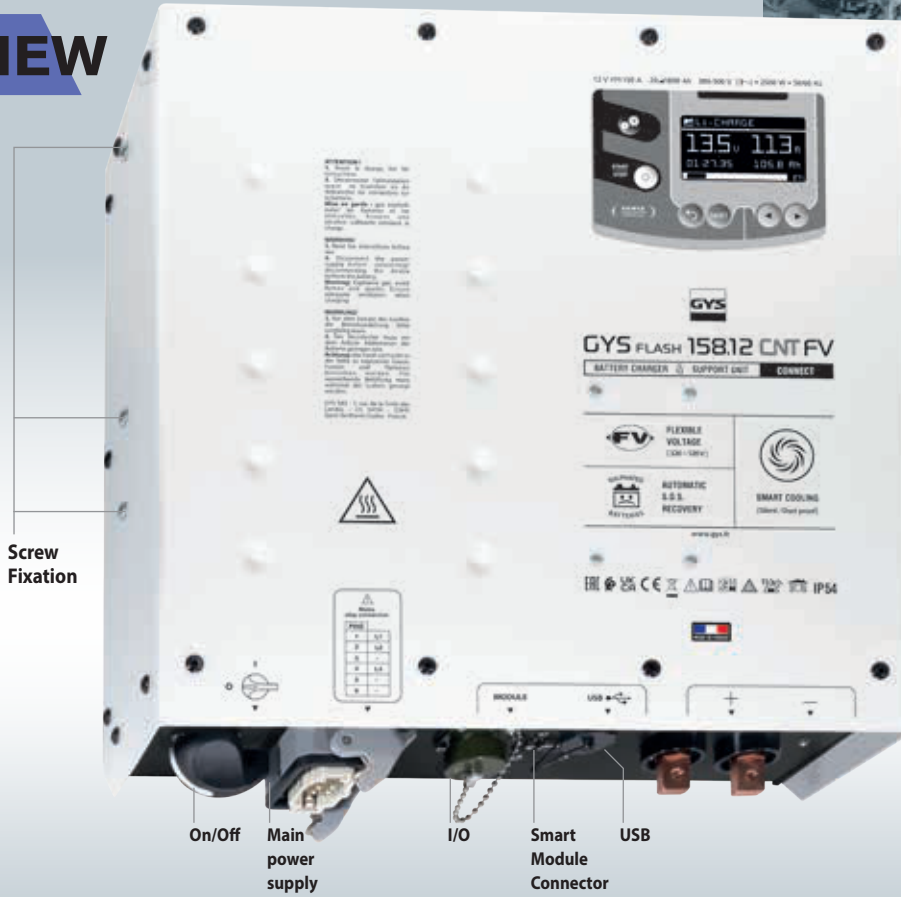
22 languages

- GB DK CN simplified
- FR FI CN traditional
- DE TR JP
- NL HR
- ES GR
- PT CZ
- IT PL
- RU SK
- SE UA
- HU

INDUSTRY / PRODUCTION



NEW



GYFLASH 158.12 CNT FV

150 A

3 ~

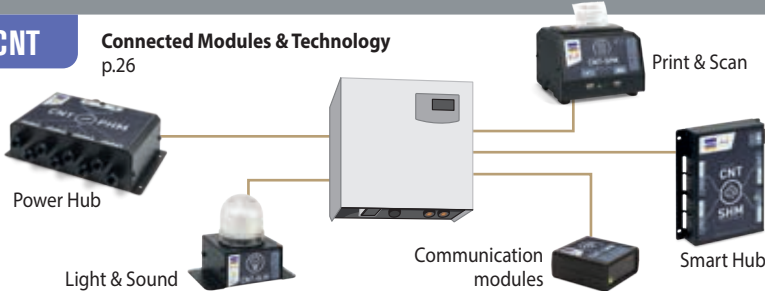
FV CNT

5 m - 25 mm²
 069909



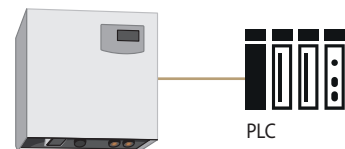
CNT

Connected Modules & Technology
 p.26



I/O

PLC connection



Contact us for use

MADE IN FRANCE	50/60 Hz	L	mm ²			START MINI	I _{max}	25°C @ 100%	40°C @ 100%	60°C @ 100%		TRACTION BATTERIES	SHOWROOM CONNECT	IP	↕	👤
GYFLASH 148.12 CNT FV	85-265 V	5 m	25	12V	2500 W	1V	110 V : 100 A 230 V : 145 A	100 A 134 A	90 A 116 A	62 A 88 A	20 > 1200 Ah 20 > 1800 Ah	•	Ø M6	54	376 × 145 × 296 mm	9.4 kg
GYFLASH 158.12 CNT FV	320-520 V	5 m	25	12V	2500 W	1V	150 A	140 A	120 A	100 A	20 > 1800 Ah	•	Ø M6	54	376 × 145 × 380 mm	10.3 kg



CNT Connected Technology

TECHNOLOGY GYFLASH CONFIGURATION



YouTube
PLAYLIST
CNT TECHNOLOGY



SPECIAL PROJECTS

Contact us for special projects.

Quick Customization:
Modes, Curves, parameters...

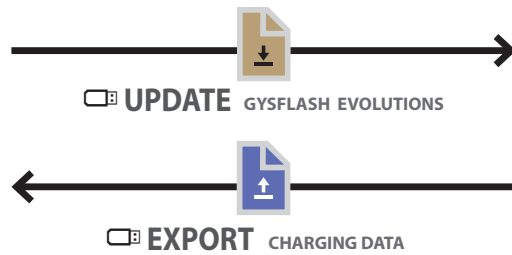


SOFTWARE UPDATE / TRACEABILITY

LIFETIME EVOLUTION



DATA

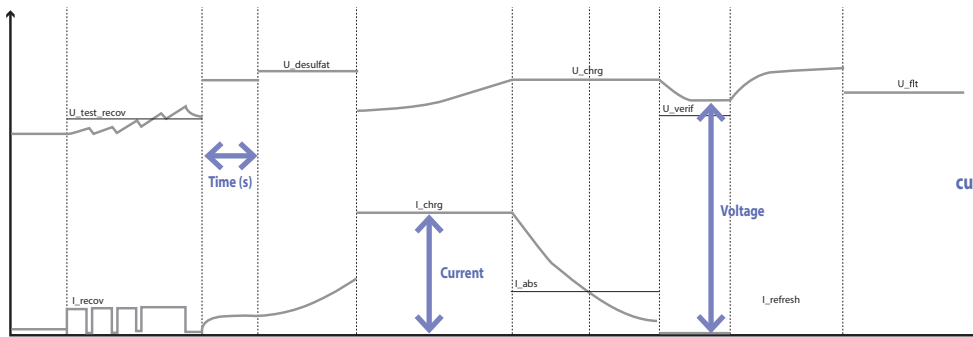


USB key 16 Gb
062344

DESIGN YOUR CHARGING CURVE

PRODUCT CONFIGURATION (CONFIG CURVE / LOGISTIC / CHARGING CURVE)

Pb Adjustable settings ↔



Full customisation

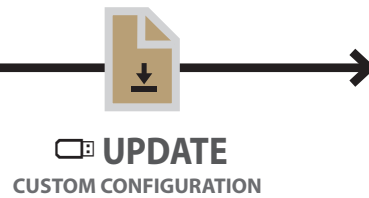


CNT MANAGER

- GYSFLASH parameters
- Custom curves
- Multi products management
- Import/export configurations
- ...



gys.fr



Configuration file (gys.fr)	Applications	CHARGE MODE										POWER MODE					MISCELLANEOUS					
		Pb-CHARGE					Li-CHARGE					TRACTION		SHOWROOM	DIAG+	CHANGE BAT	STARTER MODE	POWER SUPPLY	LI-SUPPLY/LFP	LI-SUPPLY/Li-Ion	TESTER MODE	
		normal	AGM	liquide	Easy	Boost	Recovery +	Ca / Ca recov	LFP/LiFePO4	Li-ion std	LFP cell+	Li-ion cell+	water									gel
1_gys_original.gfc	Initial configuration of the charger	✓	✓	✓	✓										✓	✓						✓
2_car_extended.gfc	Extensive features for garages	✓	✓	✓	✓	✓	✓	✓							✓	✓	✓	✓				✓
3_showroom_only.gfc	Simplified version for dealerships and demonstration vehicles													✓								
4_pro_lithium.gfc	Professional of lithium battery								✓	✓	✓	✓						✓	✓	✓		
5_traction.gfc	Forklift truck, electric pallet truck, stacker...											✓	✓									
6_full_version.gfc	Full version	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓



CNT
Connected
Technology

ACCESSORIES

UNIT MODULES

COMING SOON



and More...



NEW CNT-SCM
Smart Can Module

SMART COMMUNICATION

INCLUDED

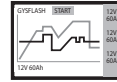
CNT-SUM
Smart USB Module
025974

Computer /
Diag System

SMC Cable
1 m
056596



USB micro A



↳ 69 x 68 x 29 mm / 85g

NEW

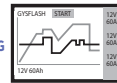
CNT-SWM
Smart Wireless Module
070837

Computer /
Diag System

SMC Cable
1 m
056596



Bluetooth Wifi
COMING SOON



↳ 69 x 68 x 29 mm / 85g



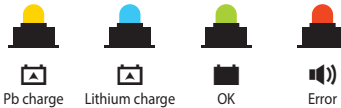
LIGHT & SOUND

INCLUDED

CNT-SLM
Smart Light Module
027978

65dB

SMC Cable
1 m
056596



↳ 126 x 146 x 93 mm / 560g



PRINT & SCAN

INCLUDED

CNT-SPM
Smart Printer Module
026919



SMC Cable
1 m
056596



↳ 140 x 105 x 133 mm / 1.4 kg



Standard roller x2
57mm x 7.5 m, Ø 25 mm
056633



OPTIONS

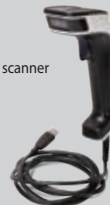
Support
Barcode scanner
025745

USB Barcode scanner
1D/2D
027718

USB Keyboard

AZERTY 027725
QWERTY 027770

QWERTZ compatibility



Scratch
fixation



Magnetic
fixation



ACCESSORIES


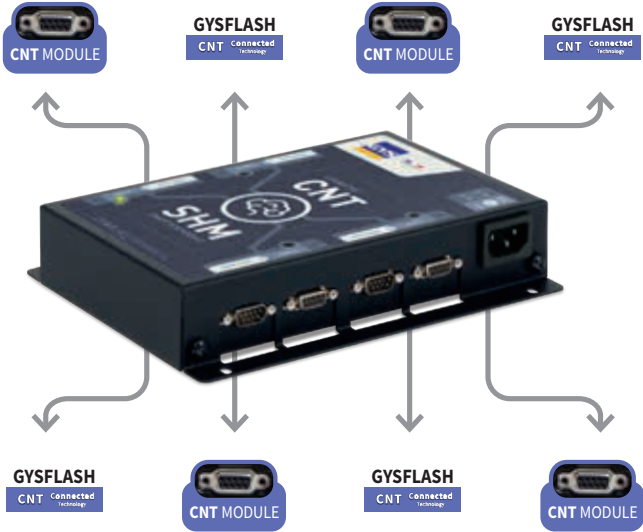
HUB MODULES





SMC CABLE

1 m
056596
3 m
025691



SMART HUB MODULE	INCLUDED
CNT-SHM Smart Hub Module 025981 ↳ 220 × 180 × 45 mm / █ 1 kg	SMC Cable 1 m 056596 
UP TO 4 MODULES + 4 GYSFLASH	
	



POWER HUB MODULE
CNT-PHM Power Hub Module 056589 ↳ 317 × 245 × 90 mm / █ 2.7 kg
 INCLUDED M6 KIT
4 GYSFLASH IN Ø Cables: 10 → 25 mm ²


EXTREME MODULARITY

SINGLE MODULE



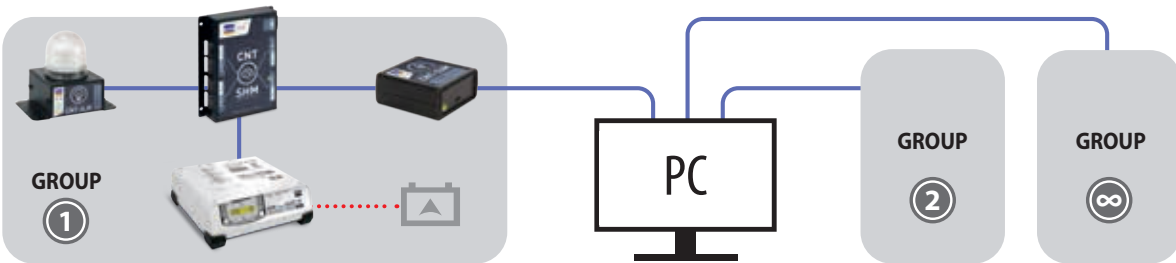
MULTI MODULES



ADVANCED

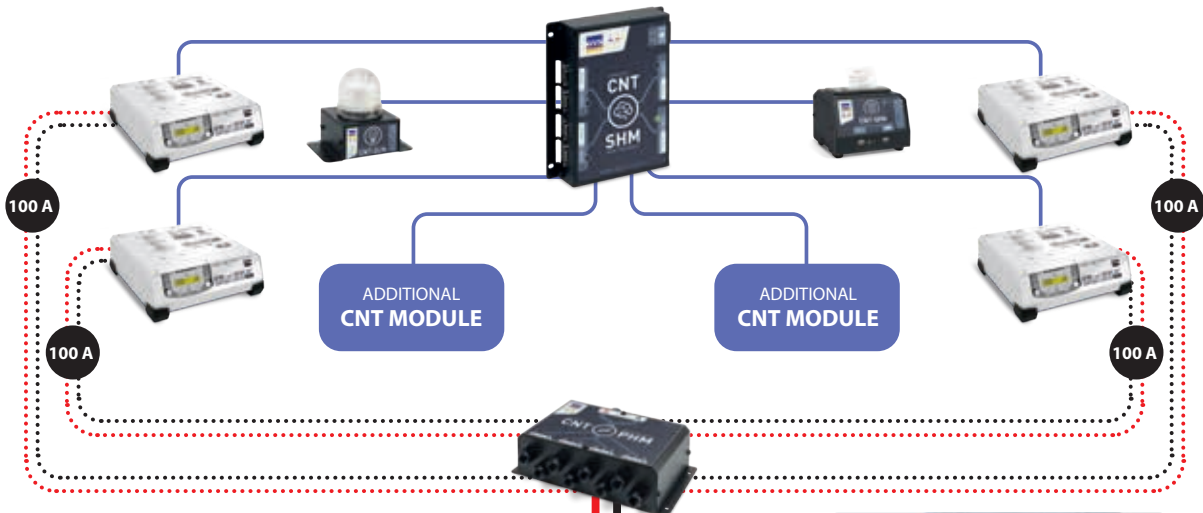


MULTI MODULES GROUPS



PARALLEL CHARGING

EXAMPLE : GYSFLASH 101.12 CNT (X4)





STANDARD ACCESSORIES




ANDERSON CABLES

for GYSFLASH	Anderson/Clamps	Anderson/NATO	Anderson<->Rema 160 A	Anderson<->Anderson 175 A	Anderson<->Texas
	2.5 m - 16 mm ² 056503 5 m - 16 mm ² 054615 8 m - 16 mm ² 056572	2.5 m - 16 mm ² 026810 	5 m - 16 mm ² 069091	5 m - 16 mm ² 069107	0.2 m - 16 mm ² 055902 1 m - 16 mm ² 028791
30.12 / 50.12 100.12 / 101.12 102.12 / 32-12 PL	✓	✓	—	—	✓
30.24 / 50.24	✓	✓	✓	✓	✓
53.48	✓	✓	✓	✓	—



TEXAS CABLES


for GYSFLASH	Texas/Clamps	Texas/Rema 160 A	Texas/Anderson 175 A	Texas/NATO
	2.5 m - 25 mm ² 028876 5 m - 25 mm ² 027886	5 m - 16 mm ² 025714	5 m - 25 mm ² 025721	5 m - 25 mm ² 025707 10 m - 25 mm ² 056626 
101.24 / 121.12 123.12 / 103.24 125.12	✓	✓	✓	✓


PARALLEL CABLES KIT

072954


=  Anderson/Cable lugs M6 x2 16 mm² 1 m +  Cable lugs/Cable lugs M6 x2 (1 red + 1 black) 35 mm² 5 m +  Texas/Cable lugs M6 x2 25 mm² 1 m +  **M6 KIT** Ø16 (x4) Ø25 (x4) Ø35 (x4) +  SMC Cable - 1 m

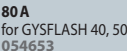
CONNECTORS


 **NATO** **026780**


 **DIN14690** **028784**

INTERNAL FUSES

 **40 A** for GYSFLASH 30 **054646** x2

 **80 A** for GYSFLASH 40, 50 **054653**

 **125 A** for GYSFLASH 100, 101, 102 **054585** x2

 **150 A** for GYSFLASH 121, 123, 103 **027930**

EXTERNAL FUSES

 **6.3 A** GYSFLASH 30 **054578** x5

 **10 A** GYSFLASH 40, 50, 100, 101, 102 **056527**

SUPPORTS

Tablette - Wall support
Wandhalterung
055513



Valise de chantier
Heavy-duty case
Hartschalenkoffer
060432

↓ 21 × 43
× 57 cm
3.9 kg



Fixation



INCLUDED

Magnetfix 50
029657



OPTION

for GYSFLASH

32.12 PL
102.12
123.12
103.12
103.24
15.24 XTREM
53.48

CONFIGURATION (Chariot - Trolley - Fahrwagen)



▲▲▲ VERTICAL ▲▲▲

ALL GYSFLASH
- COMPATIBILITY -

▼▼▼ HORIZONTAL ▼▼▼

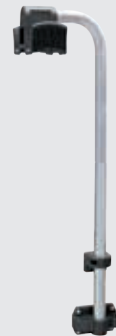
Chariot - Trolley
Fahrwagen
028890



SLM/SPM support
028906



Cable support
052284



GYSFLASH CNT PACKS



101.12 CNT



121.12 CNT

CNT-SPM
+ roller + support



Barcode Scanner
+ support



QWERTY



Trolley



CNT SLM



CNT SHM



CNT PHM



Parallel cables kit

	101.12 CNT	121.12 CNT	CNT-SPM + roller + support	Barcode Scanner + support	QWERTY	Trolley	CNT SLM	CNT SHM	CNT PHM	Parallel cables kit
pack GYSFLASH CNT 1 068117	✓	—	✓	✓	✓ QWERTY	✓	—	—	—	—
pack GYSFLASH CNT 2 068124	✓	—	✓	✓	✓ AZERTY	✓	—	—	—	—
pack GYSFLASH CNT 3 068131	—	✓	✓	✓	✓ QWERTY	✓	—	—	—	—
pack GYSFLASH CNT 4 068148	—	✓	✓	✓	✓ AZERTY	✓	—	—	—	—
NEW pack GYSFLASH CNT 5 072978	✓ x2	—	✓	✓	✓ AZERTY	✓	✓	✓	✓	✓
NEW pack GYSFLASH CNT 6 074972	✓ x2	—	✓	✓	✓ QWERTY	✓	✓	✓	✓	✓
NEW pack Parallel Charging 072961	—	—	—	—	—	—	—	✓	✓	✓



ARTIC

CHARGERS

IP 65

WATER PROTECTION
ARTIC 1500, 4000 & 8000

CHARGERS ONLY



SSM

Mémorisation des réglages.
Redémarrage automatique en cas de coupure électrique.

Save and load settings.
Automatic restart in case of power cut.

Einstellungsspeicherung.
Automatisches Starten nach einem Netzausfall.

START STOP

Start/stop Engine :
Compatible véhicules Start/Stop.
Compatible with Start/Stop vehicles.
Geignet für START-STOP-Fahrzeuge.



Mode "Cold charge":
optimisation des performances en cas de temps froid ou de gel.

"Cold charge" mode:
performance-enhancing charging mode for cold or freezing weather conditions.

-Cold Charge--Modus:
Leistungsoptimierung bei kaltem Wetter oder bei Frost.



INCLUDED

all ARTIC

Œillets / Eyelets / Ösen
30 cm
026872

Pincés / Clamps / Klemmen
35 cm
026865

AUTOMATIC SMART HF INVERTER

I REGULATED
IUoU
FAST CHARGE

ARTIC 800

12V 0.8A GO > 7V

SSM

029569

029682



ARTIC 1500

12V 1.5A GO > 7V

SSM

029576

029699



ARTIC 4000

6/12V 4/1-4A GO > 2V (6V)
GO > 7V (12V)

SSM

START STOP



029583

029705



ARTIC 8000

2/8A 12V GO > 7V

SSM

START STOP



029590

029712



	50 / 60 Hz	⚡	CHARGE			Reg	Polarity protection	Cold Charge	SSM Self Start memory	Full security	START STOP Start/Stop engine	Fuse	CHARGER + TESTER	CONTROL	📦	👤
			Battery	Moyen / Average (EN 60335)	Efficace / RMS											
MADE IN CHINA	ARTIC 800	100-240V	15W	12V	0,8 A	—	—	—	—	—	—	—	—	—	13 × 6,5 × 3,8 cm	430 g
	ARTIC 1500	220-240V	27W	12V	1,5 A	—	—	—	—	—	—	—	—	—	15,2 × 7 × 4 cm	500 g
	ARTIC 4000	220-240V	75W	6V	4A	—	2	•	•	•	•	—	OK	—	19,3 × 8 × 5,2 cm	780 g
				12V	1A / 4A	—	—	—	—	—	—	—	—	—		
ARTIC 8000	220-240V	130W	12V	2 / 8 A	—	2	•	•	•	•	—	OK	—	22 × 9,6 × 5,9 cm	1130 g	
MADE IN GYS CHINA	ENERGY 124	220-240V	70W	12V	3 A	4,5 A	—	—	—	—	—	10 A	—	—	11,5 × 16 × 22 cm	1900 g
	ENERGY 126	220-240V	90W	12V	4 A	6 A	—	—	—	—	—	10 A	—	—	11,5 × 16 × 22 cm	2000 g
	TCB 60 automatic	220-240V	85W	12V	2-4A	6 A	2	•	—	—	—	10 A	OK	OK	12 × 17 × 29 cm	2500 g
TCB 90 automatic	220-240V	120W	12V	2-5,5A	8 A	2	•	—	—	—	15 A	OK	OK	12 × 17 × 29 cm	3200 g	
TCB 120 automatic	220-240V	150W	12V	3,5-7A	10,5 A	2	•	—	—	—	15 A	OK	OK	12 × 17 × 29 cm	3200 g	



CT

CHARGERS



CT 160

9 A

SSM

1.5 m - 1.5 mm² → 40 A

024106

025325



CT 210

12 A

SSM

1.5 m - 2.5 mm² → 40 A

024113

025349

12/24V • MANUAL W

MULTICHARGE



6 charging speeds

MULTICHARGE CT 48

32 A

SSM

026087

2 m - 6 mm² → 60 A**12/24/36/48V • MANUAL W**Fuse
x1010A
WATTMATIC 100
05453015A
CT 160,
WATTMATIC 140
05449320A
CT 210,
WATTMATIC 150 & 170
05450925A
CA 150,
WATTMATIC 180
05451640A
CT 48
05464650A
CA 360
054622

				CHARGE					Efficace / RMS		Fuse			
				Moyen / Average (EN 60335)			Reg 1	Reg 2						Reg 3
				12V >	24V >	48V >								
CT 160	230V, 50/60Hz	190W	12/24V	12V > 7 A 24V > 3 A	9 A (boost) 5 A (boost)	—	13,5 A 7,5 A	2 2	15 A	20,5 × 30 × 13,5 cm	3,9 kg			
CT 210	230V, 50/60Hz	260W	12/24V	12V > 8 A 24V > 4 A	12 A (boost) 6 A (boost)	—	18 A 9 A	2 2	20 A	22,5 × 33,5 × 14,5 cm	5,2 kg			
MULTICHARGE CT 48	230V, 50/60Hz	1200W	12/24/36/48V	12V > 20,8 A 24V > 20,1 A 36V > 19,6 A 48V > 15,5 A	32,4 A 31,8 A 30,4 A (boost) 18,7 A (24,3 A boost)	—	31 A 29 A 29 A 28 A	6 6 6 6	40 A	32,5 × 39,5 × 20,5 cm	15,5 kg			
CA 150	230V, 50/60Hz	500W	12/24V	8 A	10 A (boost)	—	18 A	2	25 A	33 × 26 × 14 cm	6 kg			
CA 360	230V, 50/60Hz	920W	12/24V	7 A	15 A (boost1)	25 A (boost2)	37 A	3	50 A	44 × 31 × 23 cm	14 kg			
WATTMATIC 100	230V, 50 Hz	170W	6/12V	3 A	5 A	—	11.4 A	2	10 A	24 × 26 × 13 cm	3.8 kg			
WATTMATIC 140	230V, 50 Hz	230W	6/12V	5 A	9 A (boost)	—	16.5 A	2	15 A	36 × 22 × 14 cm	4.8 kg			
WATTMATIC 170	230V, 50 Hz	280W	6/12V	6.5 A	10 A (boost)	—	18.8 A	2	20 A	36 × 22 × 14 cm	5 kg			



Protection for on-board electronics



CA 150

10 A

SSM



1.5 m - 2.5 mm² → 40 A
024434



CA 360

25 A

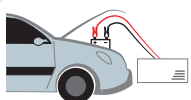
SSM



2 m - 6 mm² → 60 A
023185

12/24 V • AUTOMATIC W2

WATTMATIC



Protection for on-board electronics



WATTMATIC 100

5 A

60 > 3.5 V

SSM START STOP

024823

025417

1.5 m - 1.5 mm² → 40 A



WATTMATIC 140

9 A

60 > 3.5 V

SSM START STOP

025608

025622

1.5 m - 2.5 mm² → 40 A



WATTMATIC 170

10 A

60 > 3.5 V

SSM START STOP

025615

025639

1.8 m - 2.5 mm² → 40 A

6/12 V • AUTOMATIC WUoU



RECOMMENDATION

	6V	12V	24V	5 Ah	10 Ah	15 Ah	20 Ah	40 Ah	80 Ah	90 Ah	110 Ah	120 Ah	180 Ah	240 Ah	300 Ah	+ Ah
CT 160												12 V : 25 > 160 Ah - 24 V : 15 > 90 Ah				
CT 210													12 V : 35 > 210 Ah - 24 V : 20 > 100 Ah			
MULTICHARGE CT 48													12, 24, 36 V : 90 > 450 Ah - 48 V : 70 > 360 Ah			
CA 150												35 > 150 Ah				
CA 360														40 > 350 Ah		
WATTMATIC 100												15 > 100 Ah				
WATTMATIC 140													20 > 150 Ah			
WATTMATIC 170													25 > 180 Ah			

CT 160													12 V : 25 > 160 Ah - 24 V : 15 > 90 Ah			
CT 210													12 V : 35 > 210 Ah - 24 V : 20 > 100 Ah			
MULTICHARGE CT 48													12, 24, 36 V : 90 > 450 Ah - 48 V : 70 > 360 Ah			
CA 150												35 > 150 Ah				
CA 360														40 > 350 Ah		
WATTMATIC 100												15 > 100 Ah				
WATTMATIC 140													20 > 150 Ah			
WATTMATIC 170													25 > 180 Ah			



BATIUM

SSM SELF START MEMORY

AUTO DETECT BATTERY VOLTAGE DETECTION

START STOP ALL BATTERIES

CHARGERS

AUTOMATIC, SMART & FAST



Microprocessor Control



FULL PROTECTION



On-board electronics
Over voltage



Reverse polarity
No sparks



YouTube
PLAYLIST
BATIUM



BATIUM 7.12

7A

GO > 2V

SSM START STOP AUTO DETECT

1.5 m - 1.5 mm² 40 A

024496

024557



BATIUM 15.12

15A

GO > 0.5V

SSM START STOP AUTO DETECT

SOS RECOVERY

1.5 m - 2.5 mm² 40 A

024519

024632



6/12V IWUoU



BATIUM 7.24

7A

GO > 2V

SSM START STOP AUTO DETECT

1.5 m - 1.5 mm² 40 A

024502

024625



BATIUM 15.24

15A

GO > 0.5V

SSM START STOP AUTO DETECT

SOS RECOVERY

1.5 m - 2.5 mm² 40 A

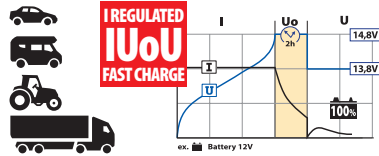
024526

024588

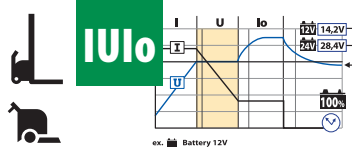


6/12/24V IWUoU

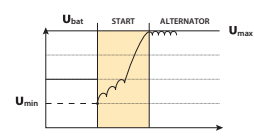
I REGULATED FAST CHARGE



+ TRACTION BATTERIES CHARGE



+ TEST



BATIUM 25.24 X

25 A

GO > 0.5V

2 m - 6 mm² 60 A
024830

- SSM** **START STOP** **AUTO DETECT**
- SOS RECOVERY**

6/12/24V

I REGULATED I UoU FAST CHARGE

I UIo Specific charge
Traction batteries



Fuse x10
15A BATIUM 7/12 & 7/24 054493
30A BATIUM 15/12 & 15/24 054523

RECOMMENDATION	6V			12V			24V			+																	
	5 Ah	10 Ah	15 Ah	20 Ah	40 Ah	80 Ah	90 Ah	110 Ah	120 Ah	180 Ah	240 Ah	300 Ah	+ Ah														
BATIUM 7/12																											
BATIUM 7/24																											
BATIUM 15/12																											
BATIUM 15/24																											
BATIUM 25.24 X																											

MADE IN FRANCE	50 / 60 Hz	Power	Reg	Efficace / RMS	CHARGE				Fuse	Dimensions	Weight	SOS RECOVERY	
					Moyen / Average (EN 60335)								
					Reg 1	Reg 2	Reg 3	boost					
BATIUM 7.12	230V	105W	6/12V	2	11A	3A	—	—	7A	15A	21 × 34 × 13 cm	4.6 kg	—
BATIUM 15.12	230V	225W	6/12V	3	22A	7A	10A	—	15A	30A	21 × 36 × 14 cm	5.6 kg	•
BATIUM 7.24	230V	210W	6/12/24V	2	11A	3A	—	—	7A	15A	21 × 34 × 13 cm	5.4 kg	—
BATIUM 15.24	230V	450W	6/12/24V	3	22A	7A	10A	—	15A	30A	21 × 36 × 14 cm	7.1 kg	•
BATIUM 25.24X	230V	1150W	6/12/24V	3	37A	7A	15A	25A	—	—	28 × 42 × 23 cm	13.4 kg	•



START / NEOSTART

CHARGERS & STARTERS

SSM SELF START MEMORY



3 in 1

CHARGE

+

TEST

+

START



12V • AUTOMATIC **W2**

STARTUP 80

17 A

SSM

024922
025127



12V

12/24V • TRADITIONAL **W**

START 200

18 A

SSM

1.5 m - 6 mm² → 60 A
025530



START 300

23 A

SSM

2 m - 10 mm² → 220 A
025547



NEOSTART 320

9 / 40 A

SSM

2 m - 10 mm² → 220 A
025301



DESIGN
GYS FRANCE

MADE IN
GYS CHINA

		I ₁		CHARGE									START					
				CHARGE kW	START kW		Efficace / RMS	Moyen / Average (EN 60335)	Boost	Automatic	Manual		1V/C	0V/C				
START UP 80	230V	13 A	12V	0,35	1	2	13,5-25 A	9 A	17 A	•	—	40 > 170 Ah	50 A	80 A	—	—	12 × 18 × 32 cm	4,4 kg
START 200	230V	13 A	12V	0,39	1,4	3	15-25 A	11 A	18 A	—	•	53 > 240 Ah	80 A	120 A	—	50 A	37 × 26 × 18 cm	8 kg
START 300	230V	13 A	12V	0,8	3,6	3	13-36 A	10 A	23 A	—	•	42 > 300 Ah	100 A	165 A	—	80 A	43 × 33 × 23 cm	13,8 kg
		13 A	24V	1,2	3,6			8 A	17 A									
NEOSTART 320	230V	13 A	12/24V	0,8	6,5	3	40 A	10 A 9 A	40 A 30 A	—	•	20 > 700 Ah	160 A	270 A	—	150 A	41 × 30 × 21 cm	14,7 kg
NEOSTART 420	230V	16 A	12/24V	1,7	9	3	70 A	20 A	40 A	—	•	20 > 1000 Ah	250 A	420 A	—	200 A	47 × 32 × 27 cm	20,9 kg
NEOSTART 620	230V	16 A	12/24V	2	10	3	90 A	30 A	60 A	—	•	20 > 1350 Ah	330 A	620 A	—	200 A	47 × 32 × 27 cm	24 kg



12/24V • TRADITIONAL W

NEOSTART 420

40 A

SSM

1.8 m - 10 mm² 500 A

025295

☒: 025479



NEOSTART 620

60 A

SSM

1.8 m - 16 mm² 500 A

025288

☒: 025486



Fuse
x2



50 A
Start 200
054622

80 A
Start 300
054653



150 A
Neostart 320
054639

200 A
Neostart 420, 620
054547

i RECOMMENDATION	6V			12V			24V			6V															
	5 Ah	10 Ah	15 Ah	20 Ah	35 Ah	40 Ah	45 Ah	50 Ah	55 Ah	60 Ah	65 Ah	70 Ah	75 Ah	80 Ah	85 Ah	90 Ah	95 Ah	100 Ah	110 Ah	120 Ah	180 Ah	240 Ah	300 Ah	+ Ah	
START UP 80																									
START 200																									
START 300																									
NEOSTART 320																									
NEOSTART 420																									
NEOSTART 620																									

Precharge (± 10 min)



STARTIUM / DIAG-STARTIUM

CHARGERS & STARTERS

3 in 1

- AUTOMATIC CHARGE**
= BATTUM
- AUTOMATIC START**
- TEST ALTERNATOR**

TIMER

UNIVERSAL MODE AUTO SELECTION

SULFATED BATTERIES

START STOP ALL BATTERIES

GO >1V

FULL PROTECTION

- On-board electronics
- Over voltage
- No sparks



YouTube

PLAYLIST STARTIUM



12/24V • AUTOMATIC IWUoU

STARTIUM 330E

25 A

1,9 m - 10 mm² ➤ 500 A

026469

STARTIUM 480E

40 A

1,9 m - 16 mm² ➤ 600 A

026483

☎: 025578

STARTIUM 680E

45 A

2,2 m - 25 mm² ➤ 600 A

026490

☎: 025585

MADE IN FRANCE	50/60 Hz	I ₁	CHARGE		START						BSU	FUUSE	CCA I (EN) START							
			CHARGE kW	START kW	min > max	Efficace / RMS	Moyen / Average (EN 60335)	Reg	Boost	Automatic				1V/C	0V/C	AUTO START				
STARTIUM 330E	230V	16A	0,8	6,5	12V	20 > 370 Ah	40 A	25 A	4	—	•	12V:	165 A	270 A	•	—	100 A	43 × 26 × 26 cm	16,3 kg	500 A
					24V	20 > 300 Ah						24V:	130 A	210 A						
STARTIUM 480E	230V	16A	1,7	9	12V	20 > 600 Ah	65 A	30 A	4	40 A	•	12V:	280 A	390 A	•	—	200 A	31 × 48 × 80 cm	28,6 kg	750 A
					24V	20 > 450 Ah						24V:	210 A	290 A						
STARTIUM 680E	230V	16A	2	10	12V	20 > 675 Ah	75 A	30 A	4	45 A	•	12V:	380 A	550 A	•	—	200 A	31 × 48 × 80 cm	31 kg	900 A
					24V	20 > 525 Ah						24V:	270 A	380 A						
STARTIUM 980E	230V	16A	2	12	12V	20 > 750 Ah	80 A	40 A	4	50 A	•	12V:	500 A	720 A	•	—	250 A	31 × 48 × 80 cm	36 kg	1400 A
					24V	20 > 525 Ah						24V:	400 A	560 A						
DIAG STARTIUM 60-12	230V	16A	2	10	12V	20 > 900 Ah	95 A	60 A	4	—	•	12V:	310 A	440 A	•	•	200 A	48 × 35 × 90 cm	36 kg	900 A
					6V	20 > 900 Ah						6V:	—	—						
DIAG STARTIUM 60-24	230V	16A	2	10	6V	20 > 900 Ah	95 A	60 A	4	—	•	12V:	300 A	430 A	•	•	200 A	48 × 35 × 90 cm	36 kg	900 A
					12V	20 > 900 Ah						24V:	280 A	410 A						
					24V	20 > 525 Ah						24V:	280 A	410 A						



BSU
Battery Support Unit

BATTERY EXPERT

POWER SUPPLY
DIAG+ 60A
Voltage adjustable
12 V · 15 V



NATO OTAN Compatibility p.53



12V • AUTOMATIC IWUoU + BSU • 12/24V

STARTIUM 980E

50 A

2,5 m - 35 mm² 600 A

026506

Disconnectable

DIAG STARTIUM 60-12

60 A

2,2 m - 25 mm² 600 A

026513

DIAG STARTIUM 60-24

60 A

2,2 m - 25 mm² 600 A

026520
☒ : 025592

Fuse x2

100A Startium 330E 054394	200A Startium 480E, 680E, Diag. 60-12, 60-24 054547	250A Startium 980E 055568
---------------------------------	--	---------------------------------

RECOMMENDATION	6V		12V		24V		6V									
	5 Ah	10 Ah	15 Ah	20 Ah	40 Ah	80 Ah	90 Ah	110 Ah	120 Ah	180 Ah	240 Ah	300 Ah	+ Ah			
STARTIUM 330E						40 · 80 Ah			80 · 120 Ah							
STARTIUM 480E							40 · 120 Ah		120 · 160 Ah							
STARTIUM 680E								50 · 180 Ah		180 · 200 Ah						
STARTIUM 980E									50 · 240 Ah							
DIAG STARTIUM 60-12								50 · 180 Ah		180 · 200 Ah						
DIAG STARTIUM 60-24								50 · 180 Ah		180 · 200 Ah						

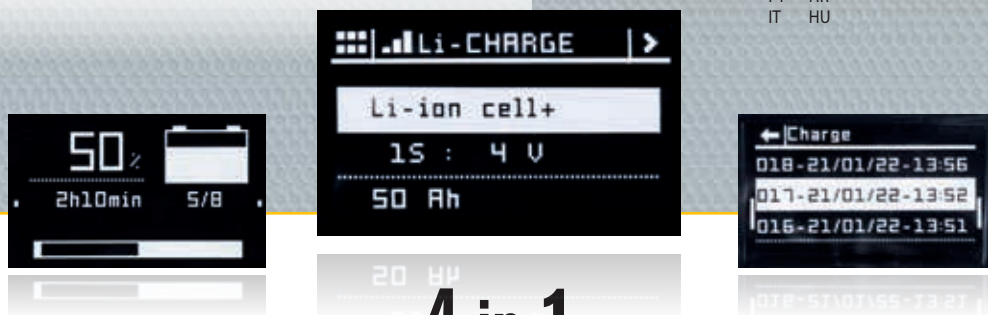


CHARGERS / BSU & STARTERS

CNT Connected Technology

22 languages

- GB RU GR CN simplified
- FR SE CZ CN traditional
- DE DK PL JP
- NL FI SK
- ES TR UA
- PT HR
- IT HU



4 in 1

AUTOMATIC CHARGE

Pb AUTOMOTIVE

- ✓ GEL
- ✓ AGM
- ✓ LIQUID
- ✓ EASY
- ✓ EXPERT
- ✓ NORMAL
- ✓ BOOST
- ✓ RECOVERY+

Pb TRACTION

- ✓ GEL
- ✓ LIQUID

LITHIUM READY

- ✓ LFP/LiFePO₄
- ✓ LI-ION STD
- ✓ LFP CELL+
- ✓ LI-ION CELL+

BSU

DIAG +



SHOWROOM



CHANGE BATTERY



POWER SUPPLY



AUTOMATIC STARTER

- ✓ START

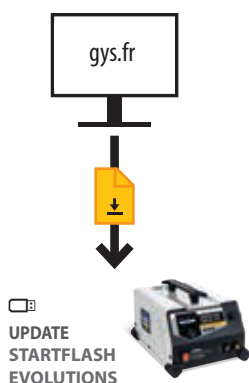
TEST

- ✓ VOLTAGE
- ✓ START UP
- ✓ ALTERNATOR

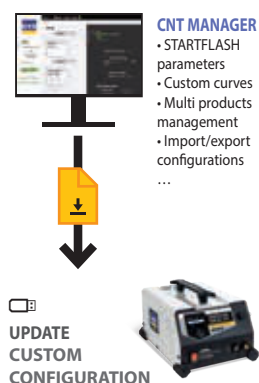
CNT

Connected Technology

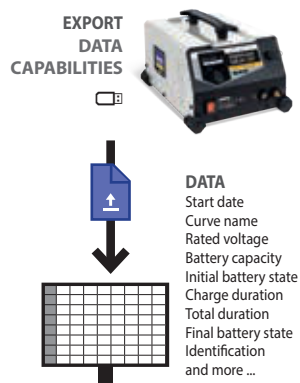
SOFTWARE UPDATE



CUSTOMIZATION



TRACEABILITY

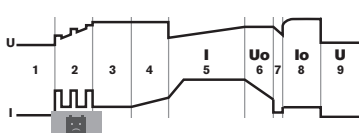


Connected Modules & Technology p.27



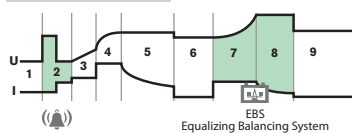
SMART 9 STEP

Pb



1. Status analysis
2. Recovery
3. Sulphation test
4. Desulfation
5. Fast charge 80%
6. Absorption
7. Test Absorption
8. Refresh
9. Floating 100%

LiFePO₄



UVP Wake up (Under Voltage Protection), Battery reactivation when in UVP protection

1. Status analysis
2. UVP Wake Up
3. Recovery
4. Fast charge 90%
5. Absorption 95%
6. Test
7. Completion
8. Equalization
9. Floating 100%



PFC POWER FACTOR CORRECTION
185 V ← 265 V
110 V 230 V

- UNIVERSAL MODE** **AUTO SELECTION**
- SULFATED BATTERIES**
- START STOP** **ALL BATTERIES**
- GO** >1V

- FULL PROTECTION**
- On-board electronics
- Over voltage
- No sparks

NEW



6/12/24V • AUTOMATIC

STARTFLASH 120.24 CNT

2 > 300 A

5 m - 35 mm² 700 A

073616

OPTION



Trolley
074965



Texas/Clamps
2.5 m - 25 mm² 028876
5 m - 25 mm² 027886



Texas/Rema 160 A
5 m - 16 mm² 025714



Texas/Anderson 175 A
5 m - 25 mm² 025721



Texas/NATO
5 m - 25 mm² 025707
10 m - 25 mm² 056626



STARTFLASH 120	• • •	10 > 180 Ah	Précharge	180 > 250 Ah
----------------	-------	-------------	-----------	--------------

MADE IN FRANCE	50/60 Hz	CHARGE							START			IP	1 2 3	Weight		
				START MINI	I max	25°C @100%	40°C @100%		TRACTION BATTERIES	1V/C	0V/C				AUTO START	
STARTFLASH 120.24 CNT	85 > 265V	6/12/24V	3500W	2V	110V : 100 A	75 A	55 A	20 > 1200Ah	•	6/12/24V	150 A	150 A	•	20	32 x 25 x 40,6 cm	13,9 kg
					230V : 120 A	110 A	90 A			6V :	300 A	300 A				
										12V :	300 A	300 A				
									24V :	200 A	300 A					



GYSPACK

BOOSTERS

Pb/Lead INSIDE

POWER SUPPLY
12V DC

COMPRESSOR



Air Kit included
4 bars



12 V

18 Ah

INSIDE

HOBBIES OCCASIONAL PRO INTENSIVE

GYSPACK 400

1 250 A

480 A
1V/C

GYSPACK AIR

1 250 A

480 A
1V/C

12 V

22 Ah

INSIDE

GYSPACK 600

1 750 A

550 A
1V/C



0.6 m - 16 mm² → 300 A

025455
 025516



1.1 m - 25 mm² → 500 A

026322



0.6 m - 16 mm² → 300 A

027336
 027497

INCLUDED GYSPACK 400 / AIR / 600 / PRO

OPTION

MEMORY AUTO SAVE
CABLE OBD 1,5 m
054202

Fuse 7,5 A



CHARGER

⊕ Power in 110-240 V / out 12V
50/60 Hz
054677
 054660



WU

FV FLEXIBLE VOLTAGE

85 V — 265 V



Après chaque utilisation
After each use
Nach jeder Anwendung

	Inside	START	1V/C	Cranking CC	Peak Battery	ON/OFF	⊕/⊖	Fuse	AIR	Power Supply	EXTERNAL Charge 230V	TEST OK	↕	📦	👤
GYSPACK 400	12V-18 Ah	12V	480 A	900 A	1250 A	—	—	—	—	⊕ 12V DC/0,5A	12V DC/1,2A	●	26×10×29 cm	30×18×37 cm	6,5 kg
GYSPACK AIR	12V-18 Ah	12V	480 A	900 A	1250 A	●	●	—	4 bars	⊕ 12V DC/0,5A	12V DC/1,2A	●	33×17×37 cm	36×20×43 cm	8,7 kg
GYSPACK 600	12V-22 Ah	12V	550 A	1050 A	1750 A	—	—	—	—	⊕ 12V DC	12V DC/1,2A	●	26×10×29 cm	30×18×37 cm	6,5 kg
GYSPACK PRO	12V-22 Ah	12V	600 A	1100 A	1750 A	●	●	—	—	⊕ 12V DC	12V DC/1,2A	●	35×14×37 cm	39×17×45 cm	9 kg
GYSPACK HERITAGE 6/12	6V-2 x 20 Ah	6V 12V	400 A 450 A	800 A 850 A	3200 A 1600 A	●	●	1 x 300 A	—	⊕ 12V DC	12V DC/2A	●	37×20×46 cm	39×22×50 cm	18 kg

DESIGN GYS FRANCE

MADE IN GYS CHINA



GYSPACK

FOR GYSPACK 660/750/800/700/900

BOOSTERS

Pb/Lead INSIDE



POWER SUPPLY
12V DC



Fuse x2 200 A 054547 300 A 054561

OPTION

MEMORY AUTO SAVE
CABLE OBD 1,5 m
054202



Fuse 7,5 A



SPIRAL TECHNOLOGY



12 V

28 Ah

INSIDE

HOBBIES OCCASIONAL PRO INTENSIVE

GYSPACK 660

1 900 A

640 A
1V/C



1.3 m - 25 mm² → 600 A

027862

027879

INCLUDED GYSPACK 660

CHARGER

Power in 100-240 V / out 12 V

50/60 Hz

027992

025929



FV

FLEXIBLE VOLTAGE

85 V ← 265 V

10A 20A

12 V

28 Ah

INSIDE

HOBBIES OCCASIONAL PRO INTENSIVE

GYSPACK 750

2 500 A

750 A
1V/C



1.3 m - 25 mm² → 600 A

026179

026353

INCLUDED GYSPACK 750

CHARGER

Power in 110-240 V / out 12 V

50/60 Hz

054684

054691



FV

FLEXIBLE VOLTAGE

85 V ← 265 V

10A 20A



Après chaque utilisation
After each use
Nach jeder Anwendung

DESIGN GYS FRANCE

MADE IN GYS CHINA

MADE IN FRANCE

	Inside	START			TEST OK	CHARGER INSIDE	EXTERNAL Charge 230 V	Protection		Power out		Fuse	Fuse	↑	↓	⬇	⬆	
		1V/C	Cranking CC	Peak Battery				ON/OFF	Memory	12V DC	10A							
MADE IN GYS CHINA	GYSPACK 660	28 Ah	12V	640 A	1200 A	1900 A	•	—	110 - 240 V	12V/2 A DC	•	•	⊙ 12V DC	—	1 × 200 A	35 × 19 × 40 cm	39 × 23 × 45 cm	13,5 kg
	GYSPACK 750	28 Ah	12V	750 A	1450 A	2500 A	•	—	110 - 240 V	12V/2 A DC	•	•	⊙ 12V DC	—	2 × 200 A	35 × 19 × 40 cm	39 × 23 × 45 cm	13,5 kg
	GYSPACK PRO 800	28 Ah	12V	700 A	1320 A	2500 A	•	—	110 - 240 V	12V/2 A DC	•	•	⊙ 12V DC	10 A	2 × 200 A	31 × 19 × 35 cm	32 × 23 × 37 cm	18,4 kg
MADE IN FRANCE	GYSPACK PRO 700	16 Ah	12V	640 A	1200 A	1800 A	•	•	220 - 240 V	—	•	•	⊙ 12V DC	10 A	1 × 200 A	33 × 15 × 32 cm	35 × 24 × 36 cm	12 kg
	GYSPACK PRO 900	30 Ah	12V	830 A	1700 A	3100 A	•	•	220 - 240 V	—	•	•	⊙ 12V DC	10 A	1 × 300 A	33 × 15 × 32 cm	35 × 24 × 36 cm	16 kg



STARTPACK

BOOSTERS

Pb/Lead INSIDE

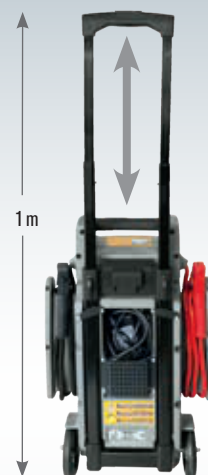


POWER SUPPLY
12V DC

YouTube



PLAYLIST
STARTPACK



12/24 V

22 Ah + 22 Ah

INSIDE

HOBBIES PRO
OCCASIONAL INTENSIVE

STARTPACK TRUCK

12V	3 200 A	750 A 1V/C
24V	1 600 A	650 A 1V/C



1.8 m - 25 mm² 600 A 025448
054684

026339

STARTPACK TRUCK MOBILE

12V	3 200 A	750 A 1V/C
24V	1 600 A	650 A 1V/C

1.8 m - 25 mm² 600 A 026025
054684

028807

INCLUDED STARTPACK TRUCK & TRUCK MOBILE



Après chaque utilisation
After each use
Nach jeder Anwendung

CHARGER

Power in 110-240 V / out 12 V
50/60 Hz
054684
054691



REGULATED
100%
FAST CHARGE

FV FLEXIBLE
VOLTAGE
85 V 265 V

OPTION MEMORY AUTO SAVE
CABLE OBD 1,5 m
054202

Fuse 7,5A



DESIGN GYS FRANCE

	Inside	START				TEST OK	50 / 60 Hz	CHARGER INSIDE 230V	EXTERNAL Charge 230V	Protection		Power out		Fuse	Fuse	↑	↓	Ⓜ
		1V/C	Cranking CC	Peak Battery	ON OFF					Memory	12V DC	12V DC						
MADE IN GYS CHINA	2 x 22 Ah	STARTPACK TRUCK				•	110 - 240 V	—	12V/2 A DC	•	•	⊕ 12V DC	—	1 x 300 A	37×20 ×46 cm	39×22 ×50 cm	18 kg	
		/ TRUCK MOBILE										⊕ 12V DC	—					
MADE IN FRANCE	2x 16 Ah	STARTPACK 12.24 CI				—	220 - 240 V	4 A	—	•	•	—	—	1 x 300 A	26×20 ×48 cm	34×20 ×51 cm	19 kg	
		STARTPACK PRO 12.24 CI										—	—					
	2x 30 Ah	12V	1300 A	2400 A	6200 A	—	220 - 240 V	4 A	—	•	•	—	—	1 x 300 A	14×35 ×56 cm	63×39 ×30 cm	34 kg	



STARTPACK

BOOSTERS



YouTube

PLAYLIST
STARTPACK



SMART STARTER MANAGEMENT SYSTEM

- FULL PROTECTION**
 - On-board electronics
 - Reverse polarity
 - Over voltage
 - No sparks
- AUTO DETECT**
 - Battery voltage detection
- Microprocessor Control**
- TIMER Adjustable**



HIGH QUALITY BATTERIES



INCLUDED

GYSFLASH XL 6.12



7 STEP

6 A - Advanced technology
8 step smart charge

12/24 V

50 Ah SPIRAL

50 Ah SPIRAL

INSIDE

HOBBIES OCCASIONAL PRO +++ INTENSIVE

STARTPACK PRO 12.24 XL

12V **8 500 A** 1600 A 1V/C

24V **4 250 A**

1400 A 1V/C

2 m - 70 mm² 1000 A 026711

OPTION



STANDARD CABLES
1000 A - 70 mm² - 4 m
026827



NATO CABLES
3 m - 50 mm²
072589

NATO CONNECTOR
026780

NATO ID / NCAGE:
F8154 CG730



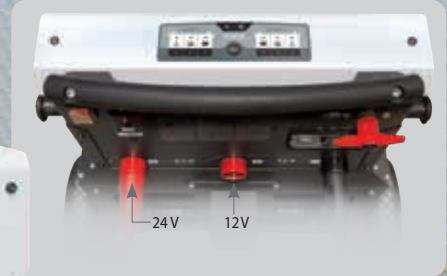
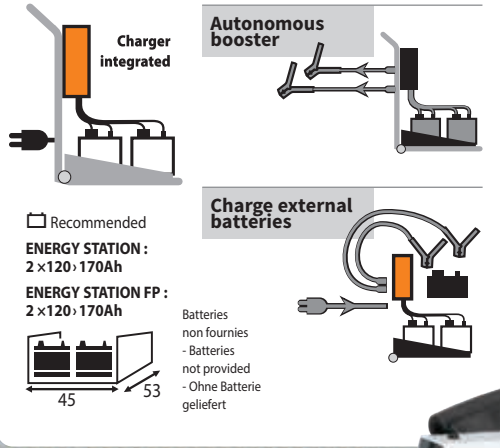
Après chaque utilisation
After each use
Nach jeder Anwendung

MADE IN FRANCE

STARTPACK PRO 12.24 XL

ENERGY STATION FP

Inside	START			CHARGE		TEST OK	CHARGER	Protection					
	Battery	1V/C	Cranking CC	Peak Battery	min > max			ON/OFF	Fuse	Length			
2x 50 Ah	12 V	1 600 A	3 000 A	8 500 A	—	•	6 A outside	• automatic	• 300 A	2 m ø 70 mm ²	106 × 32 × 35 cm	112 × 35 × 43 cm	68 kg
	24 V	1 400 A	2 600 A	4 250 A	—	•	30 A inside	• manual	• 300 A	2,5 m ø 50 mm ²	70 × 65 × 91 cm	80 × 53 × 28 cm	29 kg + batteries
	selon batteries/according to battery /je nach Batterie (Pb only)				12/24 V	100 > 375 Ah (x2)	•						



FULL PROTECTION

- On-board electronics
- Over voltage
- No sparks
- Reverse polarity

12/24 V

HOBBIES PRO
 OCCASIONAL INTENSIVE +++

ENERGY STATION FP
 069589

INTEGRATED CHARGER

6 STEP

RECOMMENDATION	5 Ah	10 Ah	15 Ah	20 Ah	40 Ah	80 Ah	90 Ah	110 Ah	120 Ah	180 Ah	240 Ah	300 Ah	+ Ah
	12V	24V											

STARTPACK PRO 12.24 XL	•	•											> 250 Ah	
------------------------	---	---	--	--	--	--	--	--	--	--	--	--	----------	--

ENERGY STATION FP	-	-											35 - 375 Ah	
-------------------	---	---	--	--	--	--	--	--	--	--	--	--	-------------	--

SELECT THE RIGHT BOOSTER

CHOISISSEZ VOTRE BOOSTER • WÄHLEN SIE IHREN BOOSTER AUS

		6/12V	12 V								12-24 V					
		GYSPACK HERITAGE	GYSPACK 400	GYSPACK AIR	GYSPACK 600	GYSPACK PRO	GYSPACK 660	GYSPACK PRO 700	GYSPACK 750	GYSPACK PRO 800	GYSPACK PRO 900	STARTPACK TRUCK/ TRUCK MOBILE	STARTPACK 12.24 CI	STARTPACK PRO 12.24 CI	STARTPACK PRO 12.24 XL	ENERGY STATION FP
		025844	025455	026322	027336	026155	027862	027077	026179	068759	027084	025448 / 026025	024991	028920	026711	069589
		6 V	12 V	12 V	12 V	12 V	12 V	12 V	12 V	12 V	12 V	12 V	12 V	12 V	12 V	12 V
		12 V	12 V	12 V	12 V	12 V	12 V	12 V	12 V	12 V	12 V	24V	24V	24V	24V	24V
START	1V/C	400 (6 V)	480 A	480 A	550 A	600 A	640 A	640 A	750 A	700 A	830 A	750 (12 V)	900 A (12 V)	1300 A (12 V)	1600 A (12 V)	/
		450 (12 V)										650 (24 V)	700 A (24 V)	1200 A (24 V)	1400 A (24 V)	
	CC	800 (6 V)	900 A	900 A	1050 A	1100 A	1200 A	1200 A	1450A	1320 A	1700 A	1450 A (12 V)	1700 A (12 V)	2400 A (12 V)	3000 A (12 V)	
		850 (12 V)										1300 A (24 V)	1350 A (24 V)	2250 A (24 V)	2600 A (24 V)	
PEAK		3200 (6 V)	1250 A	1250 A	1750 A	1750 A	1900 A	1800 A	2500 A	2500 A	3100 A	3200 A (12 V)	3600 A (12 V)	6200 A (12 V)	8500 A (12 V)	
		1600 (12 V)										1600 A (24 V)	1800 A (24 V)	3100 A (24 V)	4250 A (24 V)	
		2 × 20 Ah	18 Ah	18 Ah	22 Ah	22 Ah	28 Ah	16 Ah <i>EnerSys</i>	28 Ah	28 Ah	30 Ah <i>EnerSys</i>	2 × 22 Ah	2 × 16 Ah <i>EnerSys</i>	2 × 30 Ah <i>EnerSys</i>	2 × 50 Ah <i>EXIDE TECHNOLOGIES</i>	
SPIRAL TECHNOLOGY									■	■					■	
ON/OFF		■		■		■	■	■	■	■	■	■	■	■	■	■
TEST		■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
OUTSIDE		outside 2 A	outside 0,5 A	outside 0,5 A	outside 0,5 A	outside 0,5 A	outside 2 A	inside 2,5 A	outside 2 A	outside 2 A	inside 2,5 A	outside 2 A	inside 4 A	inside 4 A	outside 6 A	inside 30A
FLOATING		Floating	W2	W2	W2	Floating	Floating	Floating	Floating	Floating	Floating	Floating	Floating	Floating	Floating	Floating
DC		12 V DC	12 V DC	12 V DC	12 V DC	12 V DC	12 V DC	12 V DC	12 V DC	12 V DC	12 V DC	12 V DC				
LED		■		■		■	■		■			■				
SIZE		1,8 m ø25 mm ²	0,6 m ø16 mm ²	1,1 m ø25 mm ²	0,6 m ø16 mm ²	1,1 m ø25 mm ²	1,3 m ø25 mm ²	1,4 m ø25 mm ²	1,3 m ø25 mm ²	1,8 m ø25 mm ²	1,8 m ø35 mm ²	1,8 m ø25 mm ²	1,8 m ø35 mm ²	2 m ø50 mm ²	2 m ø70 mm ²	2,5 m ø50 mm ²
SIZE		37×20×46	26×10×29	33×17×37	26×10×29	35×14×37	35×19×40	33×15×32	35×19×40	31×19×35	33×15×32	37×20×46/ 37×20×57	34×18×46	63×39×30	112×35×43	70×65×91
WEIGHT		18 kg	6,5 kg	8,5 kg	6,5 kg	9 kg	13,5 kg	12 kg	13,5 kg	18,4 kg	16 kg	18/21 kg	22 kg	34 kg	68 kg	29 kg +



OFF

Après chaque utilisation
After each use
Nach jeder Anwendung

ATTENTION HORS UTILISATION
Laisser le chargeur branché
en permanence.

CAUTION ON STAND BY
Keep your GYSPACK connected to the mains supply.

ACHTUNG WENN NICHT IN GEBRAUCH
Ladegerät dauernd angeschlossen lassen.

ATTENTION CUANDO ESTA APAGADO
Dejar el cargador conectado permanentemente.

OPGELET BIJTEN GEBRUIK
Laat de lader onafgebroken aangesloten.



**MINI
PRO**







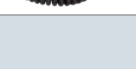


PRO

UNIVERSAL PRO

NATO / OTAN : PRODUITS COMPATIBLES
- Compatible Products - Kompatible Produkte

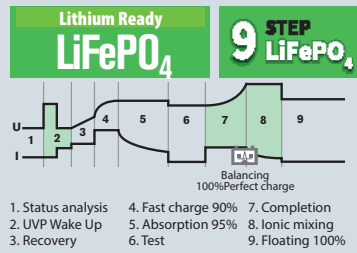
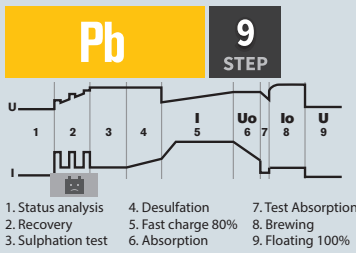
NATO ID / NCAGE : F8154 CG730







	GYSFLASH 30.12, 50.12 FV 100.12, 101.12 CNT 30.24, 50.24 102.12, 32-12PL	GYSFLASH 101.24 CNT FV 121.12 CNT FV	GYSFLASH 123.12 CNT FV 103.24 CNT FV	GYSFLASH 53.48 CNT FV	GYSFLASH 15.24 XTREM	STARTIUM 980E	STARTPACK PRO 12.24 XL
 NATO CONNECTOR 026780							
 Anderson/NATO 5 m - 16 mm ² 026810	✓	—	—	✓	—	—	—
 Texas/NATO 5 m - 25 mm ² 025707	—	✓	✓	—	—	—	—
 Texas/NATO 10 m - 25 mm ² 056626	—	—	—	—	—	—	—
 Texas/NATO 3.5 m - 50 mm ² 025653	—	—	—	—	—	✓	—
 Anderson/NATO 2 m - 50 mm ² 026803	—	—	—	—	—	—	✓
 Anderson/NATO 3 m - 50 mm ² 072589	—	—	—	—	—	—	✓
 2pts/NATO 5 m - 4 mm ² 025837	—	—	—	—	✓	—	—
 2pts/NATO Spiral 5 m 028968	—	—	—	—	✓	—	—



BATTERIES DE TRACTION : PRODUITS COMPATIBLES -
Compatible Products - Kompatible Produkte



		6 h	7 h	8 h	9 h	10 h	11 h	12 h	13 h	14 h	CURRENT
24 V	BATIUM 25.24 X	75 Ah	90 Ah	120 Ah	125 Ah	130 Ah	140 Ah	155 Ah	165 Ah	180 Ah	25 A
	GYSFLASH 15.24 PLE GYSFLASH 30.24	65 Ah	70 Ah	85 Ah	95 Ah	105 Ah	115 Ah	125 Ah	135 Ah	150 Ah	15 A
	GYSFLASH 51.12	105 Ah	115 Ah	140 Ah	160 Ah	175 Ah	190 Ah	220 Ah	225 Ah	250 Ah	25 A
	GYSFLASH 50.24	210 Ah	230 Ah	280 Ah	315 Ah	350 Ah	380 Ah	415 Ah	450 Ah	500 Ah	50 A
	GYSFLASH 101.24	420 Ah	460 Ah	560 Ah	630 Ah	700 Ah	760 Ah	830 Ah	900 Ah	1000 Ah	100 A
	GYSFLASH 103.24	420 Ah	460 Ah	560 Ah	630 Ah	700 Ah	760 Ah	830 Ah	900 Ah	1000 Ah	100 A
48 V	GYSFLASH 25.48	105 Ah	115 Ah	140 Ah	160 Ah	175 Ah	190 Ah	220 Ah	225 Ah	250 Ah	25 A
	GYSFLASH 51.48 GYSFLASH 53.48	210 Ah	230 Ah	280 Ah	315 Ah	350 Ah	380 Ah	415 Ah	450 Ah	500 Ah	50 A

100 A		Cables Anderson 175A/Texas 5 m - 25 mm ² 025721
100 A		Cables REMA 160A/Texas 5 m - 25 mm ² 025714
15 A		Cables REMA 160A/Anderson 5 m - 16 mm ² 069091
30 A		Cables Anderson 175A/Anderson 5 m - 16 mm ² 069107



NOMADPOWER

BOOSTERS

LITHIUM INSIDE

SPECIAL HOBBY • Utilisation non professionnelle
• Non professional use • Nicht für gewerblichen Gebrauch.



4700 Pa

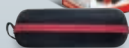
12V

NOMAD POWER VAC 350

400 A

0,26 m - 5,26 mm² → AWG10

028937



ACCESSORIES included for NOMAD POWER VAC 350

SMART CABLE
MULTI SECURITIES



NOMAD POWER 300

350 A

0,28 m - 5,2 mm² → AWG10

025875



ACCESSORIES included for NOMAD POWER 300



NOMAD POWER 400

500 A

0,28 m - 5,2 mm² → AWG10

025882



ACCESSORIES included for NOMAD POWER 400



NOMAD POWER 500

550 A

0,4 m - 8,3 mm² → AWG8

027145

: 069633



ACCESSORIES included for NOMAD POWER 500



NOMAD POWER PRO 700

600 A

0,26 m - 8,3 mm² → AWG8

027510

: 028838



ACCESSORIES included for NOMAD POWER PRO 700



SMART CABLE
MULTI SECURITIES

	LITHIUM			I			J (3s)	START PETROL & DIESEL	CABLE	MULTI SECURITIES	INPUT	MICRO USB	OUTPUT	POWER BANK		
	CAPACITY/CELL	TYPE	FULL CHARGE	Start (6V)	Cranking CC	Peak Battery										
NP VAC 350	2.5 Ah - 37 Wh	NMC	5 h	400 A	800 A	1000 A	9000 J	12 V	5 V - 2 A	•	5 V/2 A	5 V/2 A (Type C)	5 V/2 A	•	2	—
NP 300	2.5 Ah - 37 Wh	NMC	5 h	350 A	700 A	900 A	8000 J	12 V	12 V 5 V - 2.1 A	•	5 V/2 A	—	5 V/9V/12V - 5 V/2 A	•	2	—
NP 400	3 Ah - 45 Wh	NMC	5 h	500 A	1000 A	1200 A	11000 J	12 V	12 V 5 V - 2.1 A	•	5 V/2 A	—	5 V/9V/12V - 5 V/2 A - 15V/5A	•	2	—
NP 500	5.25 Ah - 77.7 Wh	NMC	6 h	550 A	1300 A	1500 A	12000 J	12 V	12 V 5 V - 2 A	•	5V/2 A 9V/2 A	—	5 V/1A - 5V/2.1 A	•	2	—
NP PRO 700	6 Ah - 92.5 Wh	NMC	9 h	600 A	1500 A	2000 A	14000 J	12 V	—	•	9V/2 A 12V/1.5 A	5 V/2 A (Type C)	5 V/2.4 A - 9V/2 A 12V/1.5 A - 15V/10 A	•	2	—
NP PRO TRUCK	5.3 Ah - 137 Wh	NMC	10 h	600 A	1500 A	2000 A	12 V : 14000 J 24 V : 35000 J	12V/24V	—	•	9 V/2 A 12 V/1.5 A	5 V/2 A (Type C)	5V/1 A - 5V/2.1 A - 12V/10 A	•	2	•
NP PRO 12XL	8 Ah - 118.4 Wh	NMC	5 h	1000 A	1800 A	3000 A	22000 J	12 V	12 V/15 A 4 A	—	18 V/2 A	—	5 V/2.1 A - 12 V/3.5 A 12 V/10 A - 19 V/3.5 A	•	2	•
NP PRO 24XL	8 Ah - 236.8 Wh	NMC	10 h	1400 A	2400 A	3000 A	60000 J	24 V	12 V/15 A 4 A	—	18 V/2 A	—	5 V/2.1 A - 12 V/3.5 A 12 V/10 A - 19 V/3.5 A	•	2	•

MADE IN CHINA

▶ START ENGINE

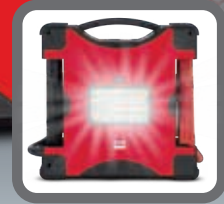
+ POWER BANK



+ LIGHT

PRO XL
★★★★

PRO
★★★



12 V

NOMAD POWER PRO 12 XL
1000 A

0,8 m - 21 mm² ➤ AWG4

025912
☎ : 069640



12 / 24 V

NOMAD POWER PRO TRUCK
600 A

0,55 m - 13,3 mm² ➤ AWG6

027527
☎ : 028845



ACCESSORIES
included for NOMAD POWER 500



24 V

NOMAD POWER PRO 24 XL
1400 A

0,8 m - 21 mm² ➤ AWG4

025905
☎ : 069657



ACCESSORIES
included for

NOMAD POWER PRO 12 XL
NOMAD POWER PRO 24 XL



cm	kg
27.2 × 06.5	0.48
14.6 × 7.8 × 3.1	0.365
17.5 × 8.4 × 3.1	0.498
22.5 × 9.1 × 3.4	0.610
22.8 × 10 × 3.8	0.82
24.8 × 24.8 × 9.6	2.4
27.4 × 27.8 × 11	5.6
27.4 × 27.8 × 11	5.6

Recommendation	Motorcycle	ATV	Motorboat	Jet ski	Car	Van	Truck	Tractor	Excavator	Truck	Bus	Truck
NP VAC 350					5 > 70 Ah							
NP 300					5 > 70 Ah							
NP 400					5 > 90 Ah							
NP 500					5 > 120 Ah							
NP 700					5 > 140 Ah							
NP PRO TRUCK					5 > 140 Ah							
NP PRO 12XL					5 > 180 Ah							
NP PRO 24XL												> 240 Ah

Max capability (minimum charge needed)

OPTION

MEMORY AUTO
SAVE CABLE OBD
1,5 m

for NP
12XL & 24XL
027534





BOOSTERS

SUPER CAPACITORS INSIDE

SANS BATTERIE - BATTERYLESS
- OHNE BATTERIE

NEW TECHNOLOGY - FULL ELECTRONIC CONTROL



- ✓ NO BATTERY INSIDE
- ✓ NO MAINTENANCE
- ✓ ALWAYS READY
- ✓ BOOSTER SANS BATTERIE INTERNE
- ✓ AUCUNE MAINTENANCE
- ✓ TOUJOURS PRÊT
- ✓ KEINE INTERNE BATTERIE
- ✓ KEINE WARTUNG
- ✓ IMMER BEREIT

EASY TO USE

2 minutes!



-40/+65°C

STARTRONIC 800

800 A

12 V

GO > 5 V

026735



5x 800 F INSIDE

INCLUDED

CIGARETTE LIGHTER for Easy charge
STARTRONIC 800 & HYBRID 950
027404



STARTRONIC HYBRID 950

SUPERCAPACITORS + LITHIUM

950 A

12 V

GO > 1 V

026117



INCLUDED STARTRONIC HYBRID 950

Lithium battery



027411

PROFESSIONAL • IMMEDIATE

SMART SECURITY POWER

UNIVERSAL STARTER

Digital control



5x 950 F + Lithium INSIDE


MADE IN CHINA

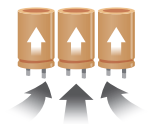
MADE IN FRANCE

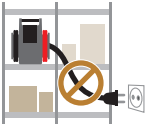
	I			Number of Capacitors	Integrated Inverter	INPUT CHARGE				Charging time		internal lithium battery	cm	kg		
	1V/C	START ICC	Peak			12V		12V / 10 A		5V / 2 A					MICRO USB Type B	
						OFF	ON	OFF	ON	OFF	ON					
STARTRONIC 800	800 A	1 400 A	-	12V	5 × 800 F	•	4 min	60 s	4 min	4 min	5V/2 A	40 min	-	26,7 × 19,5 × 5	1,86	
STARTRONIC HYBRID 950	950 A	1 660 A	-	12V	5 × 950 F	•	4 min	60 s	4 min	4 min	5V/2 A	40 min	30 min	25 × 18,5 × 6	1,86	
GYSCAP 680E	1 600 A	2 700 A	9 000 A	12V	5 × 3000 F	•	15 min	2 min	15 min	15 min	-	-	-	35 × 44 × 19	8,2	
GYSCAP 24V	2 500 A	4 500 A	10 000 A	24V	10 × 3000 F	•	15 min	2 min	30 min	30 min	-	-	-	32 × 49 × 21,5	12	

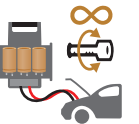
▶ **SUPERCAPACITORS**

▶ **SMART STARTER**

- 

✓ **1 MILLION CYCLES**
- 

✓ **ULTRA FAST CHARGE**
- 

✓ **NO CHARGE STORAGE**
- 

✓ **UNLIMITED STARTS**

SMART STARTER MANAGEMENT SYSTEM

FULL PROTECTION

 **-40/+65°C**



12V

5x 3000 F INSIDE

GYSCAP 680E

1600 A | 12 V | **GO > 1 V**

026773

1.7 m - 25 mm²
Cables 100% Cu



Homologations / Approvals / Zulassungen :
PSA17.1716

24V

10x 3000 F INSIDE

GYSCAP 24V

2500 A | 24 V | **GO > 2 V**

028944

2 m - 50 mm²
Cables 100% Cu

INCLUDED CIGARETTE LIGHTER for Easy charge

















1.5 m  12V

GYSCAP 680E / GYSCAP 24V

OPTION GYSFLASH 4.12

p.6  F5 p.14 

GYSCAP 680E / GYSCAP 24V

 Recommendation															
STARTRONIC 800	5 < 90 Ah														
STARTRONIC HYBRID 950	5 < 100 Ah														
GYSCAP 680 E	5 < 150 Ah														
GYSCAP 24V															225 Ah



TBP / BT

TESTERS



YouTube

PLAYLIST
BATTERY TESTERS



x4
Languages
Sprachen

Download on the App Store | GET IT ON Google Play

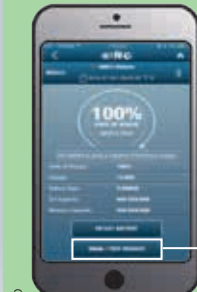


x7
Languages
Sprachen

Download on the App Store | GET IT ON Google Play

x6
Languages
Sprachen

Bluetooth



NOT INCLUDED

Download on the App Store | GET IT ON Google Play

HIGH TECH BT MOBILITY
TRACK DATA
by E-devices



NEW
05 2023



TRADITIONAL

TBP 100

6/12 V 20 > 100 Ah

055131



TBP 500

12 V 10 > 160 Ah

055148



ELECTRONIC & CONNECTED

Wireless battery monitor

Indicateur de charge sans fil

12/24 V 7 > 240 Ah

024212



BTW 6V/12V

6/12 V 7 > 240 Ah

077355



BTW 300 DHC

6/12 V 7 > 240 Ah

056664



	BATTERY A	BATTERY V	TEST			PRINT PAPER	DIGITAL	RESULT	TEMPERATURE COMPENSATION	cm	kg			
			CHARGE & START SYSTEM VEHICLE											
MADE IN CHINA	TBP 100	6-12V	20 > 100 Ah	•	•	12V	—	—	5/10s	15 min	—	—	16x1.8x30	1.5
	TBP 500	12V	10 > 160 Ah	•	•	12V	—	—	15s	15 min	—	—	27x26x13	3.75
MADE IN TAIWAN	BTW 300 DHC	6-12V	7 > 240 Ah	•	min 1.5V	12/24V	—	—	1s	instant	•	—	10x3x7	0.33
MADE IN CHINA	BTW 6V/12V	6-12V	7 > 240 Ah	—	min 4,5V	12/24V	—	—	1s	instant	•	—	11x3x2	0.11
	BATTERY MONITOR	12-24V	7 > 240 Ah	—	min 7V	12/24V	—	—	1s	instant	•	—	6.5x5x1.5	0.1
	BT 001	12V	7 > 230 Ah	—	•	12V	—	LED	1s	instant	—	—	3x12x1.5	0.29
MADE IN TAIWAN	NBT 100	12V	20 > 150 Ah	•	min 7V	—	—	•	1s	instant	—	—	7x1.5x12	0.25
	NBT 200	12V	20 > 150 Ah	•	min 7V	12V	—	•	1s	instant	—	—	7x1.5x12	0.25
	DBT 300	12V	4 > 150 Ah	•	min 4,5V	12V	—	—	1s	instant	—	—	12x7.9x22.7	0.25
	DBT 350	12V	7 > 240 Ah	•	min 8V	12/24V	—	—	1s	instant	•	—	9.6x3x13.8	0.8
	DBT 400	6-12V	7 > 240 Ah	•	min 1,5V	12/24V	—	—	1s	instant	•	6 x 1,5V CR6-AA	11.5x5x19	0.8



LED

BT 001

12 V 7 > 230 Ah

056640



NUMERIC

NBT 100

12 V 20 > 150 Ah

024151



NBT 200

12 V 20 > 150 Ah

024168

ALTERNATOR 12 V



x1 Languages Sprachen



x10 Languages Sprachen



x9 Languages Sprachen



DIGITAL

DBT 300

12 V 4 > 150 Ah

ALTERNATOR 12 V

024175



DBT 350

12 V 7 > 240 Ah

START STOP ALTERNATOR 12/24 V

025868



DBT 400

6/12 V 7 > 240 Ah

START STOP ALTERNATOR 12/24 V

024182



i Recommendation	TEST			BATTERY				VEHICLE						CURRENT CCA SAE
	Batteries/Battery/ Ladegeräte	Circuit alterateur/ Alternator Circuit/ Lichtmaschinen Schaltkreis	LIQUID	START /STOP ENGINE	EFB	AGM VRLA/GEL	Motorcycle	Car	Van	Truck	Truck	Truck		
TBP 100	6V 12V	Car	12V	•	—	—						20 > 100 Ah	—	
TBP 500	12V	Truck	12V	•	—	—						10 > 160 Ah	0 > 1000 A	
BTW 300 DHC	6V 12V	Truck	12V 24V	•	•	•						7 > 240 Ah	40 > 2000 A	
BTW 6V/12V	6V 12V	Truck	12V	•	•	•						7 > 240 Ah	10 > 2000 A	
BATTERY MONITOR	12V 24V	Truck	12V 24V	•	•	•	7 > 240 Ah					7 > 240 Ah	—	
BT 001	12V	Truck	12V	•	•	•	7 > 230 Ah					7 > 230 Ah	—	
NBT 100	12V	Truck	—	•	—	—						20 > 150 Ah	200 > 1200 A	
NBT 200	12V	Truck	12V	•	—	—						20 > 150 Ah	200 > 1200 A	
DBT 300	12V	Truck	12V	•	—	•	4 > 150 Ah					4 > 150 Ah	40 > 1200 A	
DBT 350	12V	Truck	12V 24V	•	•	•	7 > 240 Ah					7 > 240 Ah	40 > 2000 A	
DBT 400	6V 12V	Truck	12V 24V	•	•	•						7 > 240 Ah	40 > 2000 A	



PBT

TESTERS

+ PRINTER



YouTube

PLAYLIST
BATTERY TESTERS

×6
Languages
Sprachen



Homologations
Approvals
Zulassungen



×5
Languages
Sprachen



×10
Languages
Sprachen



PRINTER • 12 V

PBT 550

12 V

30 > 220 Ah

START
STOP



ALTERNATOR 12V

024199



×2 (included)
056633

PBT 600

12 V

30 > 220 Ah

START
STOP



ALTERNATOR 12/24 V

024205



×2 (included)
056633

PBT 700

12 V

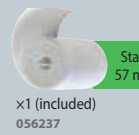
7 > 240 Ah

START
STOP



ALTERNATOR 12/24 V

024229



Standard
57 mm (W)

Languages - Sprachen

	GB	FR	DE	IT	ES	PT	CZ	NL	PL	RU	TR
DBT 300											
DBT 350											
DBT 400											
PBT 550											
PBT 600											
PBT 700											
BT 2010											
PBT 812											
PBT 824											
BTW 300DHC											

	BATTERY	TEST				PRINT PAPER	DIGITAL	RESULT	TEMPERATURE COMPENSATION	cm	kg		
		A	V	CHARGE & START SYSTEM VEHICLE									
MADE IN CHINA	PBT 550	12V	30 > 220 Ah	• min 6V	12V	•	rétro-éclairé /back-lit	1s	instant	•	55x25	0.55	
MADE IN CHINA	PBT 600	12V	30 > 220 Ah	• min 8V	12/24 V	•	rétro-éclairé /back-lit	1s	instant	•	55x25	1.1	
MADE IN CHINA	PBT 700	12V	7 > 240 Ah	• min 8V	12/24 V	•	rétro-éclairé /back-lit	1s	instant	•	23,5x10,2x6,8	0.7	
MADE IN TAIWAN	BT 2010 DHC	6-12 V	7 > 240 Ah	• min 1.5V	12/24 V	•	rétro-éclairé /back-lit	1s	instant	•	6 x 1.5 V LR6-AA or 18650 lithium battery (not included)	13x6,4x25,1	0.7
	PBT 812	6-12 V	7 > 240 Ah	• min 1.5V	12/24 V	•	color TFT display 2.8"	1s	instant	•	6 x 1.5 V LR6-AA or 18650 lithium battery (not included)	28x14x7,5	0.7
	PBT 824	6-12-24 (2x12) V	7 > 240 Ah	• min 1.5V	12/24 V	•	rétro-éclairé /back-lit 4 colors	1s	instant	•	6 x 1.5 V LR6-AA	25x4,5x13	0.7



COMPATIBILITY

USB Barcode scanner 1D/2D for BT2010, PBT 812, PBT 824 027718

p.27



x9
Languages
Sprachen

x10
Languages
Sprachen

NEW
01 2023

x10
Languages
Sprachen



1.8 m



1.8 m



1.8 m

LCD COLOR

PBT

TESTERS

PRINTER • 6/12 V

PRINTER • 6/12/24 V (2x12)

BT2010 START-STOP DHC

6/12 V 7 > 240 Ah
START STOP ALTERNATOR 12/24 V

055339



PBT 812

6/12 V 7 > 240 Ah
START STOP ALTERNATOR 12/24 V

076686



PBT 824

6/12/24(2X12)V 7 > 240 Ah
START STOP ALTERNATOR 12/24 V

025738



Included for BT2010 / PBT 812 / PBT 824

M/F plug
Clamps 056510

Standard 57 mm (W)
x1 056237

056220	x2	37 mm	7.5 m	25 mm	BT 301 / BT 501 / BT 551	
056237	x1	57 mm	28 m	50 mm	RT 777 / PBT 700 / PBT 812 / PBT 824 / BT 2010	
056633	x2	57 mm	7.5 m	25 mm	PBT 550 / PBT 600 / PBT 700 / PBT 812 / PBT 824 / BT 2010 / SPM	

i Recommendation	TEST		PRINT PAPER	BATTERY				MOTORCYCLE	CAR	VAN	TRUCK	CURRENT CCA SAE
	Batteries/Battery/Ladegeräte	Circuit alternateur/Alternator Circuit/Lichtmaschinenchaltkreis		LIQUID	START/STOP ENGINE	EFB	AGM VRLA/GEL					
PBT 550	12V		•	•	•	•				30 > 220 Ah		100 > 2000 A
PBT 600	12V		•	•	•	•				30 > 220 Ah		100 > 2000 A
PBT 700	12V		•	•	•	•	7 > 240 Ah			7 > 240 Ah		40 > 2000 A
BT 2010 DHC	6V 12V		•	•	•	•				7 > 240 Ah		40 > 3000 A
PBT 812	6V 12V		•	•	•	•				7 > 240 Ah		25 > 3000 A
PBT 824	6V 12V 24V (2X12)		•	•	•	•				7 > 240 Ah		40 > 2000 A



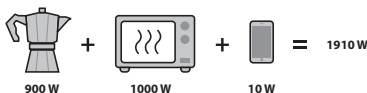
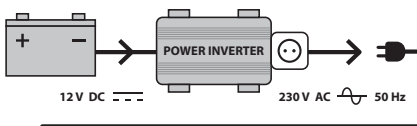
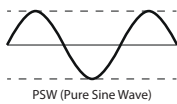
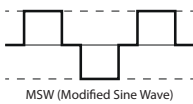
POWER INVERTER

12/24 V DC > 230 V AC



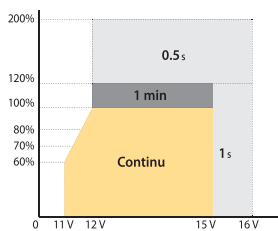
Available for UK socket

MSW / PSW TECHNOLOGY

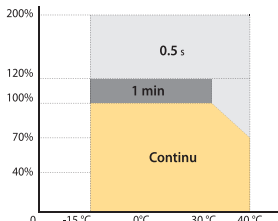


- Tension faible / Surtension / Surcharge / Surchauffe / Court-circuit
- Low volt / Over volt / Over load / Overheating / Output short-circuit
- Unterspannung / Überspannung / Überlastung / Überhitzung / Kurzschluss am Ausgang

Puissance en fonction de la tension de sortie
Power based on output voltage
Leistung in Abhängigkeit von der Ausgangsspannung



Puissance en fonction de la température
Power based on temperature
Leistung in Abhängigkeit von der Temperatur



PSW REMOTE CONTROL

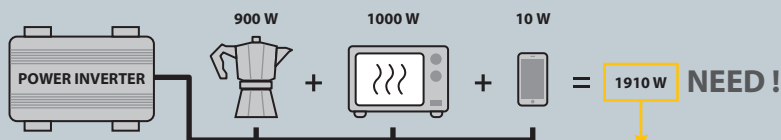
For 601W-12



For 1002W RC-12, 1502W RC-12, 2002W RC-12, 2002W RC-24



Input = 888 V
Output = 888 W



SELECT THE RIGHT POWER INVERTER

- CHOISISSEZ VOTRE CONVERTISSEUR
- WÄHLEN SIE IHREN WECHSELRICHTER

CONVERGYS 150	CONVERGYS 300	PSW 601W RC-12	PSW 1002W RC-12	PSW 1502W RC-12	PSW 2002W RC-12	PSW 2002W RC-24	MSW 82000
12 V						24 V	

70 Ah

200 Ah

ÉLECTROMÉNAGER - HOME APPLIANCE

Micro-Ondes - Microwave - Mikrowelle	700 - 1000 W	30 - 50 min	1 h 30 - 2 h
Grille Pain - Toaster	800 - 1500 W	20 - 40 min	1 h - 2 h
Réfrigérateur - Fridge - Kühlschrank (40 L)	45 W	12 h	35 h
Bouilloire - Kettle - Wasserkocher	700 - 2500 W	15 - 45 min	35 min - 2 h
Cafetière espresso - Espresso coffee maker - Espresso-Maschine	1000 - 1600 W	20 - 30 min	1 h - 1 h 30
Cafetière filtre - Drip coffee maker - Filterkaffee-Maschine	800 - 1200 W	25 - 40 min	1 h 30 - 2 h

ÉLECTRONIQUE - ELECTRONIC

Téléphone - Mobile phone - Telefon	5 - 10 W	55 - 110 h	155 - 310 h
Ordinateur portable - Laptop	60 - 95 W	5 - 9 h	16 - 28 h
Radio	10 - 40 W	14 - 55 h	40 - 155 h
TV 15"	40 W	13 h 30	39 h
TV 21"	50 W	11 h	31 h
Console de jeux vidéo - Video game console - Konsole für Videospiele	39 - 100 W	5 - 13 h	16 - 39 h
Appareil photo - Camera - Fotoapparat	4 - 19 W	25 - 135 h	78 - 390 h

CONFORT - COMFORT


Eclairage - Light - Beleuchtung	100 W	5 h 30	16 h
Chauffage électrique - Electrical heater - Elektrische Heizung	1800 - 2500 W	12 - 20 min	35 - 45 min
Ventilateur - Fan - Lüfter	50 W	11 h	31 h
Sèche cheveux - Hairdryer - Fön	1000 - 2000 W	15 - 30 min	45 min - 1h 30

NAUTISME - SAILING

Feux de navigation - Navigation lights - Navigationslichter	24 W	30 h	80 h
Radar	24 W	30 h	80 h
Pilote automatique - Autopilot mode	60 W	9 h	30 h
GPS - GPS/Sat nav.	6 W	110 h	310 h

* Usage duration (h) = $\frac{80\% \times \text{Capacity (Ah)} \times \text{Optimum Efficiency (\%)} \times \text{Input DC (V)}}{\text{Power (W)}}$

MADE IN CHINA	Power	Peak power	Pure Sin Wave	Optimum Efficiency	Input DC	Output AC	Output USB (2.1) DC	max 150 W	1.5 mm ²	2.5 mm ²	16 mm ²	22 mm ²	12 mm ²	12 mm ²	Universal	5 m	26.5 x 17 x 7.5	30.5 x 21.5 x 11.5	37.5 x 21 x 10	37.5 x 21 x 10	38.5 x 25 x 10	35 x 20 x 28	38.5 x 25 x 10	45 x 27 x 14.5	45 x 34 x 17	45 x 34 x 17
CONVERGYS 150	150 W	300 W	—	90,5 %	12 V	230 V	5 V · 2 A	•	—	•	•	•	•	•	—	N/A	6 x 10 x 5	0,5 kg								
CONVERGYS 300	300 W	600 W	—	85 %	12 V	230 V	5 V · 2 A	•	•	•	•	•	•	•	—	N/A	10 x 15 x 6	0,95 kg								
PSW 601W RC-12	600 W	1200 W	•	90 %	12 V	230 V	5 V · 2 A	—	cables	6 mm ²	•	•	•	•	•	5 m	26.5 x 17 x 7.5	30.5 x 21.5 x 11.5								
PSW 1002W RC-12	1000 W	2000 W	•	90 %	12 V	230 V	5 V · 2 A	—	cables	10 mm ²	•	•	•	•	•	5 m	37.5 x 21 x 10	43.5 x 27 x 15								
PSW 1502W RC-12	1500 W	3000 W	•	90 %	12 V	230 V	5 V · 2 A	—	cables	16 mm ²	•	•	•	•	•	5 m	37.5 x 21 x 10	43.5 x 27 x 15								
PSW 2002W RC-12	2000 W	4000 W	•	90 %	12 V	230 V	5 V · 2 A	—	cables	22 mm ²	•	•	•	•	•	5 m	38.5 x 25 x 10	45 x 34 x 17								
MSW 82000	2000 W	4000 W	—	80 %	24 V	230 V	5 V · 2 A	—	cables	12 mm ²	•	•	•	•	•	—	35 x 20 x 28	45 x 27 x 14.5								
PSW 2002W RC-24	2000 W	4000 W	•	90 %	24 V	230 V	5 V · 2 A	—	cables	12 mm ²	•	•	•	•	•	5 m	38.5 x 25 x 10	45 x 34 x 17								

12 V  CONVERGYS

CONVERGYS 150
027022
 : 027039



CONVERGYS 300
027053
 : 027046



12 V  PSW PURE SINE WAVE

PSW
601W RC-12

 067332
 : 067349



PSW
1002W RC-12

 067356
 : 067363



PSW
1502W RC-12

 067370
 : 067387



PSW
2002W RC-12

 067394
 : 067400



24 V  MSW MODIFIED SINE WAVE

MSW 82000
027237
 : 027244



24 V  PSW PURE SINE WAVE

PSW
2002W RC-24

 067417
 : 067424



INCLUDED FOR ALL





POWER PACK

POWER PACK

12 V > 230 V

Using Time



50 W	8 h
100 W	4 h
250 W	1 h 40
500 W	50 min

MPPT integrated



Solar panel compatibility

PORTABLE POWER STATION



4in1

1 230 V - 50 Hz / 500 W

UNIVERSAL OUTPUT



Type C / E / F / G / I

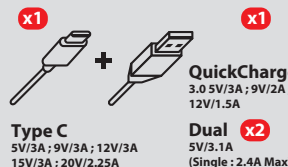
2 12 V / 12 A



Cigarette lighter

DC

3 USB



Type C
5V/3A; 9V/3A; 12V/3A
15V/3A; 20V/2.25A

QuickCharge
3.0 5V/3A; 9V/2A;
12V/1.5A
Dual x2
5V/3.1A
(Single: 2.4A Max)

4 LIGHT

3 MODES

- Light
- S.O.S
- Spot

POWER PACK 520

518 Wh

20 Ah

027961

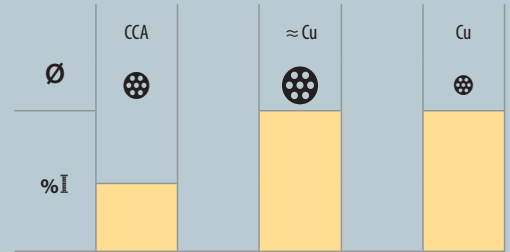


POWER PACK 520 charging cables

	LITHIUM		I		Nb cycles		POWER OUT	INPUT	OUTPUT	POWER SUPPLY		LIGHT		kg
	CAPACITY/CELL	FULL CHARGE	TYPE	Start						Peak				
POWER PACK 520	518 Wh	8 h	NMC	—	—	1000	Pure Sine Wave	500 W	12-30V 80W max	5V/3 A; 9V/2 A; 12V/1.5 A 12V/12 A; 5V/3.1 A 230V/50 Hz/500 W (AC) × 2	• 3 + 1 (MICRO USB - Type C)	1 × LED	264 × 234 × 163	5.14
POWER PACK 1300	1280 Wh	7 h - 11 h selon le mode de recharge	LFP	500 A	1000 A	2000	Pure Sine Wave	1000 W	12-30V 200W max	5V - 9V - 12V - 16V/3 A 20 V/3 A; 20V/5 A; 12V/10 A 230 V/50 Hz × 3	• 4 + 2 (MICRO USB - Type C)	1 × LED	360 × 270 × 280	17.5

JUMPER CABLES

320 A > 1000 A



															CCA	≈ Cu	Cu
056206															•	—	—
564015															•	—	—
056404															•	—	—
056190															—	—	•
056602															—	—	•
056312															—	•	—
056329															—	•	—
056336															—	•	—
027695															—	•	—
056343															—	•	—
056558															—	—	•
056541															—	—	•
056619															—	—	•

PRO BRASS CLAMPS

PINCES LAITON, NON ISOLÉES - Brass clamps, NOT INSULATED • Messingklemmen, nicht isoliert • Pinzas de latón, no aisladas • Koperen klemmen, niet geïsoleerd • Garras bronce, latão isoladas • Ακροδέκτες χαλκού χωρίς μόνωση • ЛАТУННЫЕ ЗАЖИМЫ, НЕИЗОЛИРОВАННЫЕ • 黄铜夹, 无绝缘



MADE IN CHINA
MADE IN FRANCE

056206	320 A	3 m	—	16 mm ² (CCA)
564015	500 A	3 m	—	25 mm ² (CCA)
056404	700 A	4,5 m	—	35 mm ² (CCA)
056602	1000 A	5,1 m	—	50 mm ² (100% Cu)
056190	1000 A	4,5 m	INCLUDED	50 mm ² (100% Cu)

PRO INSULATED CLAMPS

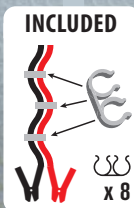
PINCES ISOLÉES - INSULATED CLAMPS • ISOLIERTE KLEMMEN • Pinzas aisladas • Garras aisladas • Geïsoleerde klemmen • Μονωμένοι ακροδέκτες • Изолированные зажимы • 绝缘充电夹



MADE IN CHINA
MADE IN FRANCE

		ESSENCE BENZINE PETROL	DIESEL				DIN 72553
056312	200 A	1,5l		3 m	—	10 mm ²	—
056329	320 A	2,5l		3 m	—	16 mm ²	•
056336	500 A	5,5l	3l	3,5 m	—	25 mm ²	•
056343	700 A	7l	4l	4,5 m	—	35 mm ²	•
056558	1000 A	7l	4l	4,5 m	INCLUDED	50 mm ² (100% Cu)	—

SUPER PRO INSULATED CLAMPS



MADE IN FRANCE



056541	700 A	4,5 m	Ø 100% Cu 35 mm ²	056619	1000 A	5 m	Ø 100% Cu 50 mm ²
--------	--------------	-------	--	--------	---------------	-----	--

CÂBLES DE DÉMARRAGE - BOOSTER CABLES - Starterkabel
- CABLES DE ARRANQUE - CAVI DI AVVIAMENTO



DIN 72553		ESSENCE BENZINE PETROL	DIESEL		≈ Ø Cu
027695	350 A	5,5l	3l	3,5m	25 mm ²

EV CHARGING

10 A → 32 A

Rechargement EV • Laden für Elektrofahrzeuge
• Carga de EV • EV carregando • EV opladen • Φόρτιση EV
• Зарядка электромобилia • 电动汽车充电



NEW
03 2023

SUPER PRO SMART EV CHARGE

10 → 32 A 1 ph / 3 ph

075320



INCLUDED



+ more output options...



10 A / 13 A / 16 A / 20 A / 32 A available on request

IP 55

Power	10 A	13 A	16 A	20 A	32 A
230V	2.3 kW	2.9 kW	3.7 kW	4.6 kW	7.4 kW
400V	6.9 kW	8.9 kW	11 kW	14 kW	22 kW

4,5 kg

23 x 16 x 9 cm



PORTABLE EV CHARGER

10/16 A 1 ph

028975



EV CHARGING CABLES

32 A 1 ph

028982

32 A 3 ph

028999

	IP	U ₁	I ₁	P				
SUPER PRO SMART EV CHARGE	55	1 ph 3 ph + N	10/13/16/ 20/32 A	2,3 → 22kW	•	•	5 m	Type 2
PORTABLE EV CHARGER	66	1 ph	10 / 16 A	3,7 kW	•	—		Type 2
EV CHARGING CABLE	66	1 ph	32 A	7,4 kW	—	•		Type 2
	66	3 ph	32 A	22 kW	—	•		Type 2

OPTION

↓ 21 x 43 x
57 cm
060432



ACCESSOIRES



Pince ampèremétrique
- Clamp-on ammeter
- Strommesszange

400 A
053991
600 A
053984

CABLES EN 60245-6/H01N2-D (Caoutchouc - Rubber)

EN 60974-9



Cable Size	Length	Part No.	Current Capacity	
			A (60%)	A (35%)
16 mm ²	100 m	046252	121	131
	≤ x m	046207		
25 mm ²	5 m	045408	165	185
	100 m	046603		
35 mm ²	≤ x m	046306	211	243
	100 m	046702		
50 mm ²	≤ x m	046405	275	323
	100 m	046801		
70 mm ²	≤ x m	046757	351	419
	100 m	046832		
95 mm ²	≤ x m	046863	433	527

HIGH FLEXIBILITY ELECTRICAL CABLES



Cable Size	Length	Part No.	Part No.	Current Capacity	
				A (60%)	A (35%)
10 mm ²	100 m	054882	054875	88	92
	20 m	056107	056091		
16 mm ²	100 m	054905	054899	120	130
	20 m	056121	056114		
25 mm ²	100 m	054929	054912	164	184
	20 m	056145	056138		
35 mm ²	100 m	054943	054936	210	240
	100 m	054967	054950		
70 mm ²	50 m	—	056565	310	380

PINCES - Clamps - Klemmen - Pinzas - Garras - Ακροδέκτες - Зажимы - 充电夹

	40 A	60 A	60 A	200 A	300 A	600 A	650 A	700 A	850 A	1000 A	300 A	600 A
I 100%	30 A	60 A	60 A	100 A	200 A	120 A	120 A	120 A	170 A	200 A	-	-
I peak	75 A	150 A	150 A	200 A	300 A	600 A	650 A	700 A	850 A	1000 A	-	-
max	≤ 30 mm	≤ 25 mm	≤ 25 mm	≤ 38 mm	≤ 45 mm	≤ 40 mm	≤ 35 mm	≤ 28 mm	≤ 44 mm	≤ 55 mm	≤ 38 mm	≤ 38 mm
max	2.5 mm ²	10 mm ²	10 mm ²	16 mm ²	25 mm ²	35 mm ²	25 mm ²	25 mm ²	35 mm ²	70 mm ²	50 mm ²	95 mm ²
<p>053106, 055537, 055520, 071896, 071889, 053502, 053403, 053700, 053601, 053779, 053786, 055551, 055544, 025783, 025776, 053816, 053793, 025769, 025752, 038059, 038066</p>												

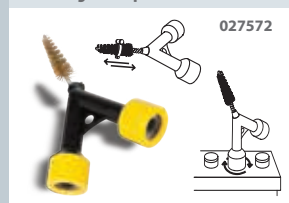
COSES BATTERIE - Battery Terminal - Polklemmen - Terminales batería - Accupool - Terminais de bateria - Πόλος μπαταρίας - Контакты аккумуляторной - батареи - 电池端子

	ø 10 mm / 35 mm ²	ø 13 mm / 50 mm ²	ø 16 mm / 70 mm ²
054400	<p>x25 054431 x25 054448</p>	<p>x25 054332 x25 054349</p>	<p>x25 054417 x25 054424</p>
			<p>x25 054356 x25 054363</p>
			<p>x25 054370 x25 054387</p>

COSES - Cable lugs - Terminal Kabelschuhe - Kabelschoen

Cable Size	Part No.	Quantity	Part No.
16 mm ²	M10	x10	038219
25 mm ²	M10	x10	038226
35 mm ²	M14	x10	038233
50 mm ²	M14	x10	038240
75 mm ²	M16	x10	038257
125 mm ²	M15	x5	038264
25 mm ²	M5	x100	047525
35 mm ²	M6	x100	047532
50 mm ²	M10	x100	047549

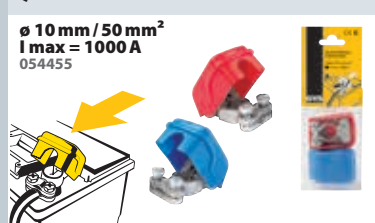
NETTOYEUR COSES / BORNES



CONNECTEURS TEXAS - Dinze connectors - Stecker - Conectores - Schakelears - Conectores

Part No.	I A max	mm ²	mm	mm	Compatibility	Ref.
CFM 25.14	200	10/25	14	9	CM 25.14, CF 25.14	x1 045507
CFM 50.21	300	35/50	21	13	CM 50.21, CF 50.21	x1 045606
CFM 70.21	400	50/70	21	13	CM 70.21	x1 047488
CM 25.14	200	10/25	14	9	CF 25.14	x20 045668
CM 50.21	300	35/50	21	13	CF 50.21	x10 045613
CM 70.21	400	50/70	21	13	CF 70.21	x5 045750
CM 95.24	500	70/95	24	13	CF 95.24	x5 047495
CF 25.14	200	10/25	14	9	CM 25.14	x30 045651
CF 50.21	300	35/50	21	13	CM 50.21	x10 045620
CF 70.24	400	50/70	24	13	CM 70.21	x5 045736
CF 95.24	500	70/95	24	13	CM 95.24	x5 072374

QUICK CONNECTORS



<p>6.3A 054578 10A 056527</p>	<p>10A 054530 15A 054493 20A 054509 25A 054516 30A 054523 40A 054554</p>	<p>100A 054486</p>	<p>M5 054394 M6 027930</p>	<p>200A 054547 250A 055568 300A 054561</p>	<p>M5 40A 054646 50A 054622 80A 054653 125A 054585 150A 054639</p>	<p>M6 40A 071599 M10</p>
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PROTECTION ANTI-ARC - Anti-arc protection - Lichtbogenschutz - Protección anti-arco - Piekspanningsbeveiliging - Protecção anti-faísca - Αντι-σπινθηρική προστασία - Защита против дуги - 抗电弧保护

041318

12V
24V

PORTE-BATTERIE AJUSTABLE - Adjustable batterie carrier - Einstellbarer Batteriehalter - Porta-baterias ajustable - Переноска для аккумулятора

058354

100 ~ 180 mm

PÈSE ACIDE ANTIGEL - Acidimeter (PH Meter) - Säure/Frostschutzmittel-Tester - Acido densímetro anticongelante - Zuurwegger - Medidor de PH (ácido) - Μετρητής οξύτητας (PH) - Ацидиметр (рН-метр) - 防冻酸度计

054103

KIT SOLAIRE DE MAINTIEN DE CHARGE AVEC ACCESSOIRES - Solar powered charger with accessories - Solarpanel zur Ladeerhaltung mit Zubehör - Kit solar de mantenimiento de carga - Солнечная панель для поддержания заряда в наборе с аксессуарами

072411

4.5W

STATION MULTICHARGE POUR BATTERIES - Multi charge station for batteries - Multi-Ladestation für Starterbatterien

Charge automatique • Automatic charge • Automatischer Ladevorgang

4 x 5A 12V (liquid/gel)
5 étapes • 5 steps • 5 Schritte
Pulse/Boost/Egalisation/100%/Floating
Maintenance/Zusatzhülenskit

10Ah / 100Ah

DHC 54E
025097

SAUVEGARDE MÉMOIRE OBD - Memory auto save - Sichtung des Speichers - Salvaguardia memorias - Salvaguardas de memória - Αυτόματη αποθήκευση ρυθμίσεων - Сохранение настроек - 记忆存储器

7Ah INSIDE

Automatic TIMER STOP

GYSPACK OBD
054998
055001

OBD

OFF

Après chaque utilisation / After each use / Nach jeder Anwendung

INSIDE	MEMORY SAVER		
12V - 7 Ah	OBD < 4A	< 4A	25 x 18 x 25 cm 3 kg

MADE IN P.R.C.

CABLE OBD - Câble OBD - Kabel für OBD

054202 Fuse 7,5A 1,5 m



LAMPE BALADEUSE

- Hand Lamp
- Handleuchte

100-250 lumens (x3)

TRIPODE 250 L
3 x 1 W COB LED

3 x 3.6 V
300 mAh
AAA rechargeable,
Ni-MH, USB
charging (6h)

operating time
High position: 1 h
Low position: 3 h
Flashing: 5 h

↳ 260 x 100
x 100 mm

059955



400 lumens

400 L
COB LED

Li-ion
Charging time: 8h

operating time
High position: 2.5 h
Low position: 5 h
Top light (1 W): 6 h

↳ 230 x 65 x 40 mm

059153



250-600 lumens

PRO 600 L
COB LED, 80 CRI

3.7 V - 2200 mAh Li-ion
micro USB charging (3.5 h)

operating time:
High position: 1.5 h,
Mid position: 4.5 h,
Top light (100 lumens):
10 h

↳ 190
x 56
x 29 mm
IP 54
210g

060883



200-400 lumens

ÉTANCHE 400 L
COB LED

3.7 V - 2000 mAh Li-ion
USB charging (4/6 h)

operating time
High position: 2 h
Mid position: 4 h
Top light (4 W): 3 h

↳ 285 x 65 x 65 mm
IP 56

059948

Étanche -
Waterproof



LAMPE INSPECTION

- Inspection Lamp
- Inspektionslampen

100-200 lumens

MINI 200 L
COB LED, 80 CRI, 6500 K

3.7 V - 700 mAh Li-ion
micro USB charging (2.5 h)

operating time
High position: 1.5 h
Low position: 4 h
Top light: 3.5 h

IP 20

↳ 76 g, ↳ 174 x 27.5 x 28 mm

060852



100-280 lumens

FRONTALE 280 L
3 W COB LED
80 CRI+, 6500 K

3.7 V - 1500 mAh Li-po
micro USB charging

operating time
High position: 2 h
Low position: 6 h

IP 65, ↳ 110 g
↳ 78.5 x 47.5 x 42 mm

060845



0 > 600 lumens

PRO 600 L
6500 K

3.7 V - 2600 mAh Li-ion

operating time
1.5 > 15 h

↳ 380 x 40 x 45 mm
300 g

057760

058309



LAMPE SOUS CAPOT

- Under bonnet lamp
- Leuchte für Motorhaube

300-600 lumens

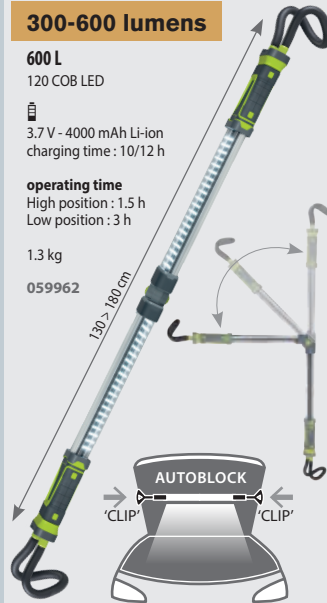
600 L
120 COB LED

3.7 V - 4000 mAh Li-ion
charging time: 10/12 h

operating time
High position: 1.5 h
Low position: 3 h

1.3 kg

059962



250-800 lumens

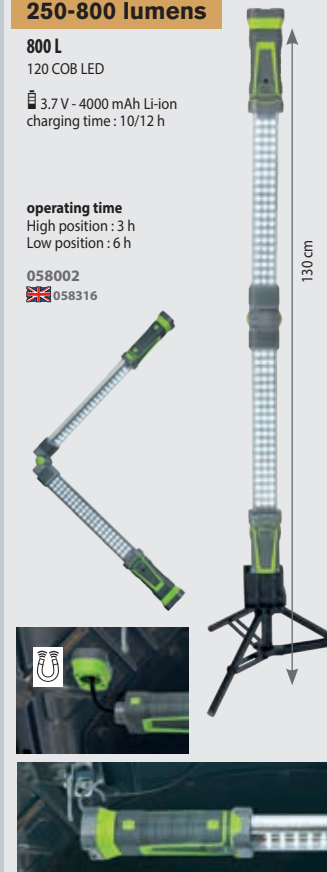
800 L
120 COB LED

3.7 V - 4000 mAh Li-ion
charging time: 10/12 h

operating time
High position: 3 h
Low position: 6 h

058002

058316



PROJECTEUR SUR TRÉPIED

- Worklight with tripod
- Arbeitsleuchte mit Standfuß

1800 lumens

1800 L
3x 55 COB LED
total 165 LED

1.8 m power cord

059146



3000 lumens

3000 L
35 W COB LED

2 m power cord

IP 44

059979

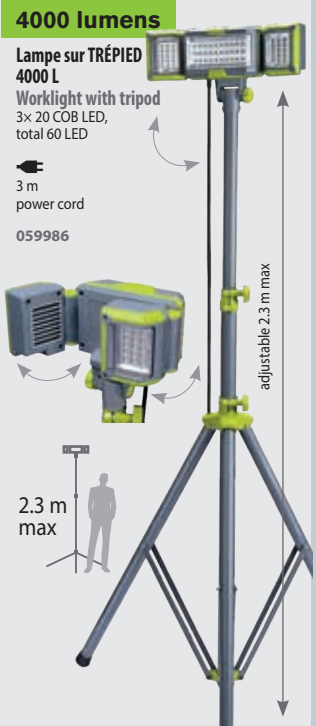


4000 lumens

Lampe sur TRÉPIED
4000 L
Worklight with tripod
3x 20 COB LED,
total 60 LED

3 m
power cord

059986



LAMPE AMBIANCE 360° - 360° ambient lamp

60 > 1000 lumens

PORTABLE 1000 L
>80 CRI SMD LED
6500 K

3.7 V - 5200 mAh Li-ion
USB charging (4.5h)
USB power supply

operating time 2 > 27 h

↳ 260 x 75 x 75 mm
IP 54
450 g

059764



AUTOMOTIVE BATTERIES

Batteries de démarrage - Starterbatterien - Baterias de arranque
 - Automotive accús - Baterias de Automóvil - Моторіес
 оупідіув - Пусковые батареи - 汽车启动电池

Curves	LIQUID Calcium / Silver	Start & Stop / AGM / EFB / GEL / Optima	Unattended charge	100% charged	Maintenance	Battery desulphation	Fast Charge	Fast Charge ++
W	✓	-	-	-	-	-	-	-
W2	✓	-	✓	-	-	-	-	-
WU	✓	-	✓	-	✓	-	-	-
WUoU	✓	✓	✓	✓	✓	-	-	-
WUoU	✓	✓	✓	✓	✓	✓	✓	-
1 REGULATED IUoU FAST CHARGE	✓	✓	✓	✓	✓	-	✓	✓
7 STEP 8 STEP GYSFLASH Pb	✓	✓	✓	✓	✓	✓	✓	✓

GYSFLASH Lithium

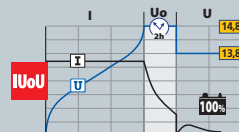
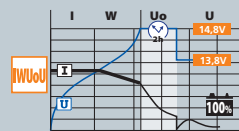
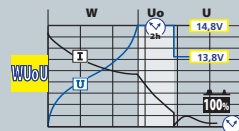
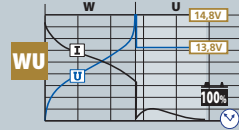
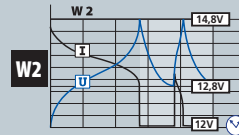
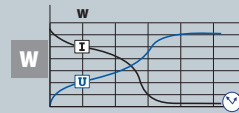
8 STEP Li-ion

8 STEP LiFePO₄

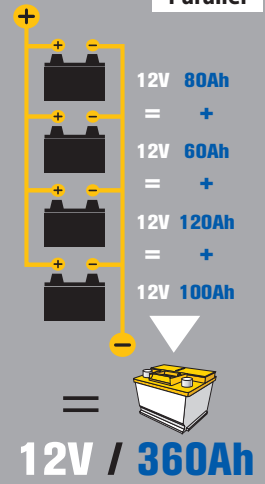
9 STEP Li-ion

9 STEP LiFePO₄

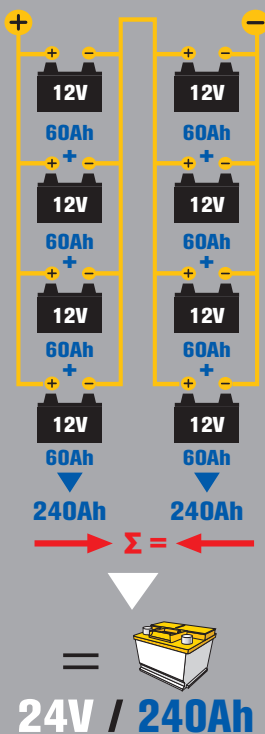
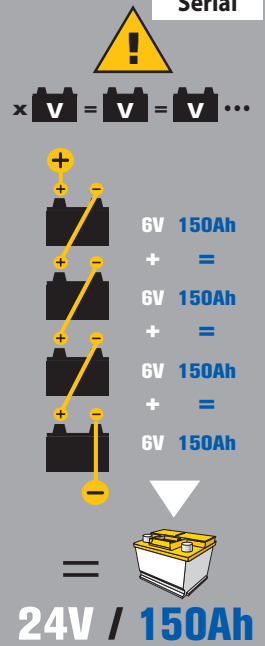
LiFePO₄ / Li-ion / Li-Po / NMC / LCO / MCO / NCA...



Parallel



Serial



MARKETING



Catalogs and posters available for download on our website www.gys.fr



A - Barnum
 3 x 3 m
 098022

B - Open Barnum
 2 x 2 m
 098039

C - Oriflamme
 1,75 x 0,50 m
 098015



Podium de présentation - Display stand - Podest (machines not included)

063204
 A: 45 cm, B: 50 cm, C: 50 cm
 063211
 A: 80 cm, B: 50 cm, C: 50 cm



Linéaire de vente avec 2 étagères - Retail display space with 2 shelves - Lochwandregal mit 2 Böden (machines not included) 060784



Type	FA1	FA2	SB1
complet - complete - komplett	062429	062443	061149
sans linéaire - without display stand - ohne Regal	062436	062450	062412



French manufacturer
since 1964



Tools

Tel: +32 (0)10 39 51 50 • Fax: +32 (0)10 46 02 78
info@vbtools.be • www.vbtools.be

Voor technisch advies,
Pour toutes informations techniques,

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