



INVEST IN THE FUTURE



French manufacturer
since 1964

Celebrating

60

years of innovation
1964 - 2024

BSU, Chargers, Boosters & Starters

Charge & entretien des batteries

Batterieservicegeräte-Katalog

Caricabatterie, Booster & Avviatore

Catálogo de Cargadores

2025



A solid manufacturing group

900 people € 130 000 000

C1+
Credit Rating
Banque de France

55 000 m²
2 factories



INVEST IN THE FUTURE



French
manufacturer
since 1964

A family company



Nicolas & Bruno
Bouygues

3 catalogues

3 500+ references



Welding, Plasma cutting
& Induction heating



Collision
Repair



BSU, Chargers,
Boosters & Starters

Worldwide coverage

125 countries



GYS FRANCE
Laval

GYS GERMANY
Aachen

GYS U.K.
Rugby

GYS CHINA
Shanghai

GYS ITALIA
Venezia

GYS IBERICA
Madrid

CHARGERS & BATTERY SUPPORT UNIT

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www.gys.fr



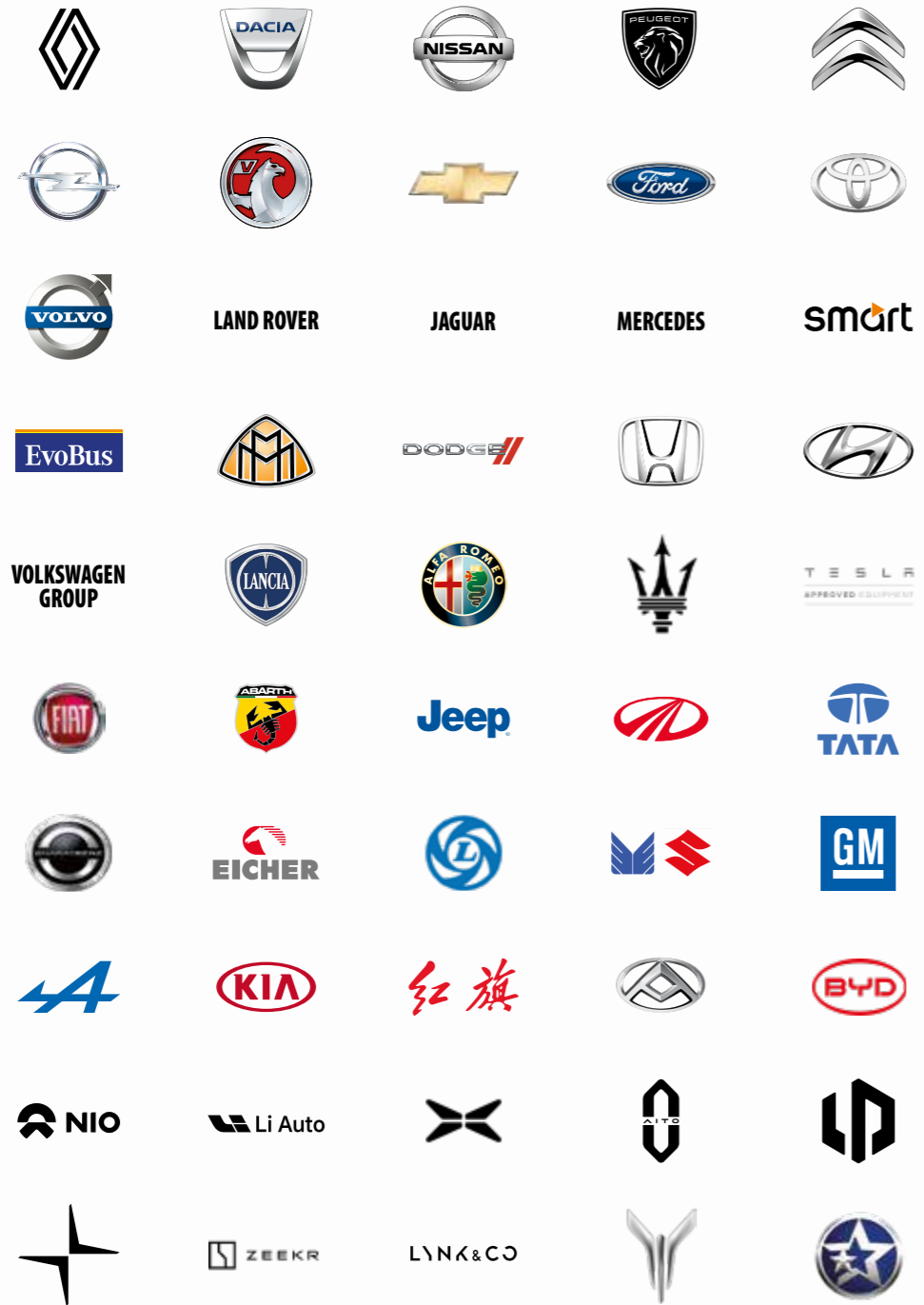
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★★★★★ **THEY TRUST US** ★★★★★

ILS NOUS FONT CONFIANCE



CHARGERS & BATTERY SUPPORT UNIT

6 - 12 - 16 - 24 - 36 - 48 V

GYSFLASH

GYSFLASH Pb	6
GYSFLASH LITHIUM	9
GYSFLASH Pb / LITHIUM	10
GYSFLASH ON BOARD	18

BATTERY SUPPORT UNIT

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MORE

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BATIUM	40

CHARGERS Pb

BEST SELLER



GYSFLASH TECHNOLOGY



Save and load settings. Automatic restart in case of power cut.
Mémorisation des réglages. Redémarrage automatique en cas de coupure électrique.
Einstellungsspeicherung. Automatisches Starten nach einem Netzausfall.



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



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

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



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

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

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



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

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

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



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

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

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



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.

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.

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

GYSFLASH 1.12

1 A



029361
UK: 029514

GYSFLASH 4.12 & 4.12S

0.8/4 A



4.12 029422 UK: 029521
4.12S (110 V) 069190 072701 072817

GYSFLASH 6.12

0.8/6 A



029378
UK: 029613

GYSFLASH 8.12

8 A



029385
UK: 029545

GYSFLASH 12.12

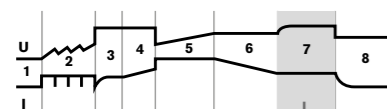
12 A



029392
UK: 029552

SMART CHARGE

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%



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



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	LxWxH cm / kg
GYSFLASH 1.12	220-240 V AC	18 W	1 A	12 V	2 > 32 Ah	2 > 100 Ah	<0.4 Ah/month	<150 mV Rms	IUoU	7 steps	0.44 kg	13 × 8 × 3.8 cm	30 × 15.5 × 6 / 0.6
GYSFLASH 4.12 GYSFLASH 4.12S	220-240 V AC 100-127 V AC	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	0.69 kg	17 × 9 × 5.1 cm	34.5 × 17.9 × 36.2 / 0.89
GYSFLASH 6.12	220-240 V AC	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	0.77 kg	19 × 10 × 5.2 cm	36 × 19.5 × 7 / 1
GYSFLASH 8.12	220-240 V AC	130 W	8 A	12 V	15 > 160 Ah	15 > 240 Ah	<0.4 Ah/month	<150 mV Rms	IUoU	8 steps	0.85 kg	19 × 10 × 5.2 cm	36 × 19.5 × 7 / 1
GYSFLASH 12.12	220-240 V AC	195 W	12 A	12 V	20 > 250 Ah	20 > 330 Ah	<0.4 Ah/month	<100 mV Rms	IUoU	8 steps	1.1 kg	22.1 × 11.1 × 5.8 cm	36.4 × 20 × 6.8 / 1.3

DESIGN GYS FRANCE
MADE IN GYS CHINA



CHARGERS Pb



HERITAGE • 6/12V

GYSFLASH 6 HERITAGE

0.8/6 A



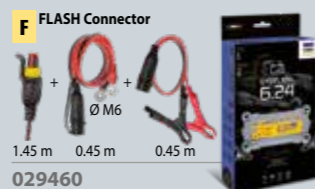
029538



6/12/24V

GYSFLASH 6.24

0.8/6 A



029460
029644

GYSFLASH 9.24

9 A



029477
029651



PATENTS REGISTERED NUMBERS 002280008 & 002279927 EUROPEAN TRADEMARK & DESIGN	50 / 60 Hz	Power	I _{charge}	V	Charge	Maintenance	Z _z	Ondulation/ Ripple	Charging curve	IP	IP	Weight	Dimensions	L x W x H cm / kg	
															Charging
GYSFLASH 6 HERITAGE	220-240 V AC	2m	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	19 x 10 x 5.2 cm	36.5 x 19.4 x 7 cm / 1
				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	19 x 10 x 5.2 cm	36.5 x 19.5 x 7 cm / 1
GYSFLASH 6.24	220-240 V AC	2m	130 W	0.8/4 A	24 V	1.2 > 100 Ah	1.2 > 140 Ah	<0.4 Ah/month	<150 mV Rms	IUoU	7 step	IP 65	0.85 kg	19 x 10 x 5.2 cm	36.5 x 19.5 x 7 cm / 1
				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	22.1 x 11.1 x 5.8 cm	36.5 x 19.5 x 7 cm / 1.3
GYSFLASH 9.24	220-240 V AC	2m	190 W	6 A	24 V	15 > 125 Ah	15 > 170 Ah	<0.4 Ah/month	<100 mV Rms	IUoU	8 step	IP 65	1.1 kg	22.1 x 11.1 x 5.8 cm	36.5 x 19.5 x 7 cm / 1.3

GYSFLASH TECHNOLOGY



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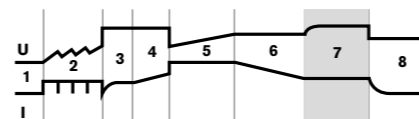


Fitted with a highly sensitive sensor, Gysflash automatically adjusts the charge based on ambient temperature.
Équipé d'un capteur haute sensibilité, le Gysflash ajuste automatiquement les paramètres de charge en fonction de la température ambiante.
Ausgestattet mit einem hochempfindlichen Sensor stellt das GYSFLASH automatisch die Ladeparameter der Umgebungstemperatur entsprechend ein.

SMART CHARGE 7 STEP / 8 STEP / 8 STEP LiFePO4

Pb

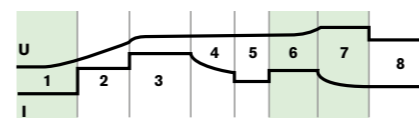
- Status analysis
- Recovery
- Test desulfation
- Desulfation
- Fast charge 80%
- Absorption
- Refresh (for "8 step" only)
- Floating 100%



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

LiFePO4 (LFP)

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



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

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



CHARGERS LiFePO4



12V

GYSFLASH 1.12 Lithium

1 A



029675

GYSFLASH 6.12 Lithium

4/6 A



029729

DESIGN
GYS FRANCE
MADE IN
GYS CHINA

DESIGN GYS FRANCE MADE IN GYS CHINA	50 / 60 Hz	Power	I _{charge}	V	Charge	Maintenance	Z _z	Ondulation/ Ripple	Charging curve	IP	IP	Weight	Dimensions	L x W x H cm / kg	
															Charging
GYSFLASH 1.12 Lithium	220-240 V AC	1m	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	13 x 8 x 3.8 cm	29.7 x 15 x 5.7 / 0.6
GYSFLASH 6.12 Lithium	220-240 V AC	2m	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	19 x 10 x 5.2 cm	36.5 x 19.5 x 7 cm / 1

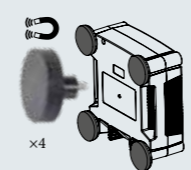


CHARGERS Pb / LiFePO₄



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

Magnetfix 20
026063



x4

12V

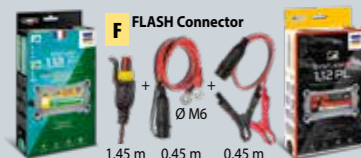
12/24V

GYSFLASH 1.12 PL & 1.12 PL S

1A

GO > 7V | SSM | START STOP | CAN BUS

7 STEP Pb | 8 STEP LiFePO₄

1.12 PL
026902
027541

1.12 PL S (110 V)
070851
072794
072824

GYSFLASH 8.12 PL

1/4 / 8A

GO > 2V | SSM | START STOP | CAN BUS

7 STEP Pb | 8 STEP LiFePO₄





069282

GYSFLASH 18.12 PL

7/12 / 18A GO > 2V

GO > 2V | SSM | START STOP

t° | 7 STEP Pb | 8 STEP LiFePO₄




026926

GYSFLASH 30.12 PL

7/15 / 30A

GO > 2V | SSM | START STOP

t° | 7 STEP Pb | 8 STEP LiFePO₄





029668
026070

GYSFLASH 20.12/24 PL

7/15 / 20A

GO > 2V | SSM | START STOP

t° | 7 STEP Pb | 8 STEP LiFePO₄




026049
027558

DESIGN GYS FRANCE	MADE IN GYS CHINA	MADE IN FRANCE	50 / 60 Hz	Power	I _{charge}	V	Charge	Maintenance	Zz	Ondulation/ Ripple	Charging curve	IP	Weight	Dimensions	Volume	
GYSFLASH 1.12 PL	GYSFLASH 1.12 PL S	GYSFLASH 1.12 PL	220-240 V AC	20 W	1 A	12 V	2 > 32 Ah (Pb) 0.5 > 20 Ah (LiFePO ₄)	2 > 100 Ah (Pb) 0.5 > 50 Ah (LiFePO ₄)	<0.4 Ah/month	<150 mV Rms	IUoU	7 step (Pb) 8 step (LiFePO ₄)	IP 65	0,69 kg	17 × 9 × 5,1 cm	33 × 17,5 × 6 / 0,8
GYSFLASH 8.12 PL	GYSFLASH 8.12 PL	GYSFLASH 8.12 PL	220-240 V AC	130 W	1/4/8 A	12 V	15 > 160 Ah (Pb) 1.2 > 160 Ah (LiFePO ₄)	15 > 240 Ah (Pb) 1.2 > 240 Ah (LiFePO ₄)	<0.4 Ah/month	<150 mV Rms	IUoU	7 step (Pb) 8 step (LiFePO ₄)	IP 65	0,85 kg	19 × 10 × 5,2 cm	—
GYSFLASH 18.12 PL	GYSFLASH 18.12 PL	GYSFLASH 18.12 PL	220-240 V AC	300 W	7/12/18 A	12 V	15 > 270 Ah (Pb) 7 > 270 Ah (LiFePO ₄)	15 > 270 Ah (Pb) 7 > 270 Ah (LiFePO ₄)	<0.5 Ah/month	<100 mV Rms	IUoU	7 step (Pb) 8 step (LiFePO ₄)	IP 31	1,55 kg	19 × 19 × 7,3 cm	30 × 22 × 9 / 1,9

DESIGN GYS FRANCE	MADE IN FRANCE	MADE IN FRANCE	50 / 60 Hz	Power	I _{charge}	V	Charge	Maintenance	Zz	Ondulation/ Ripple	Charging curve	IP	Weight	Dimensions	Volume	
GYSFLASH 30.12 PL	GYSFLASH 30.12 PL	GYSFLASH 30.12 PL	220-240 V AC	500 W	7/15/30 A	12 V	15 > 375 Ah (Pb) 7 > 375 Ah (LiFePO ₄)	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 31	1,85 kg	19 × 19 × 7,3 cm	30 × 22 × 9 / 2,2
GYSFLASH 20.12/24 PL	GYSFLASH 20.12/24 PL	GYSFLASH 20.12/24 PL	220-240 V AC	500 W	7/15/20 A 7/15 A	12 V 24 V	15 > 300 Ah (Pb) 7 > 300 Ah (LiFePO ₄)	15 > 300 Ah (Pb) 7 > 300 Ah (LiFePO ₄)	<1 Ah/month	<150 mV Rms	IUoU	7 step (Pb) 8 step (LiFePO ₄)	IP 31	1,85 kg	19 × 19 × 7,3 cm	30 × 22 × 8,5 / 2,2

GYSFLASH TECHNOLOGY

SSM

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

Auto Recovery

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

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

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t°

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

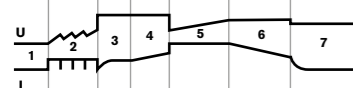
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Ausgestattet mit einem hochempfindlichen Sensor stellt das GYSFLASH automatisch die Ladeparameter der Umgebungstemperatur entsprechend ein.

SMART CHARGE 7 / 8 STEP LiFePO₄

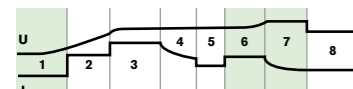
Pb

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



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

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

GYSFLASH Pb / LITHIUM

CHARGER Pb / LiFePO₄

INTENSIVE



SC SMART COOLING TECHNOLOGY

100% DUST PROOF



SILENT

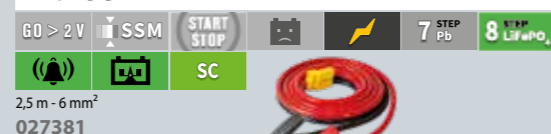
IP 23

INDOOR / OUTDOOR

12V

GYSFLASH 32.12 PL

7/15 / 30 A



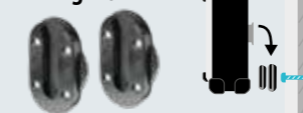
2,5 m - 6 mm²
027381

GYSFLASH Pb

CHARGER Pb

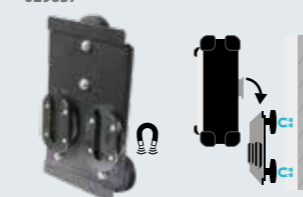
INCLUDED

Fixing kit



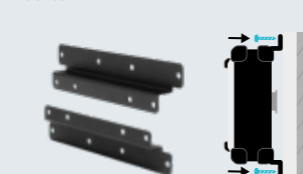
OPTIONS

Magnetfix 50
029637



GYSFLASH PRO vertical wall mounting kit
082694

NEW



INTENSIVE



SHOCK RESISTANT

IP 65

INDOOR / OUTDOOR

12/24V

GYSFLASH 15.24 XTREM

15A



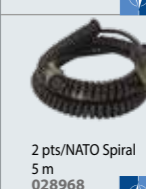
5 m - 4 mm²
025813

Double insulation

ROBUST & SAFE
2 pts connection

OPTIONS

NATO CONNECTOR
026780



2 pts/NATO Spiral
5 m
028968



2 pts/NATO
5 m - 4 mm²
025837

DIN 1490 CONNECTOR
028784



2 pts/DIN 1490
Emergency vehicle
5 m
028777

MADE IN FRANCE	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	Volume
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t°

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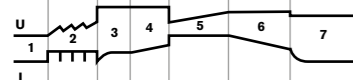
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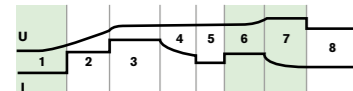
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7. Floating 100%



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

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

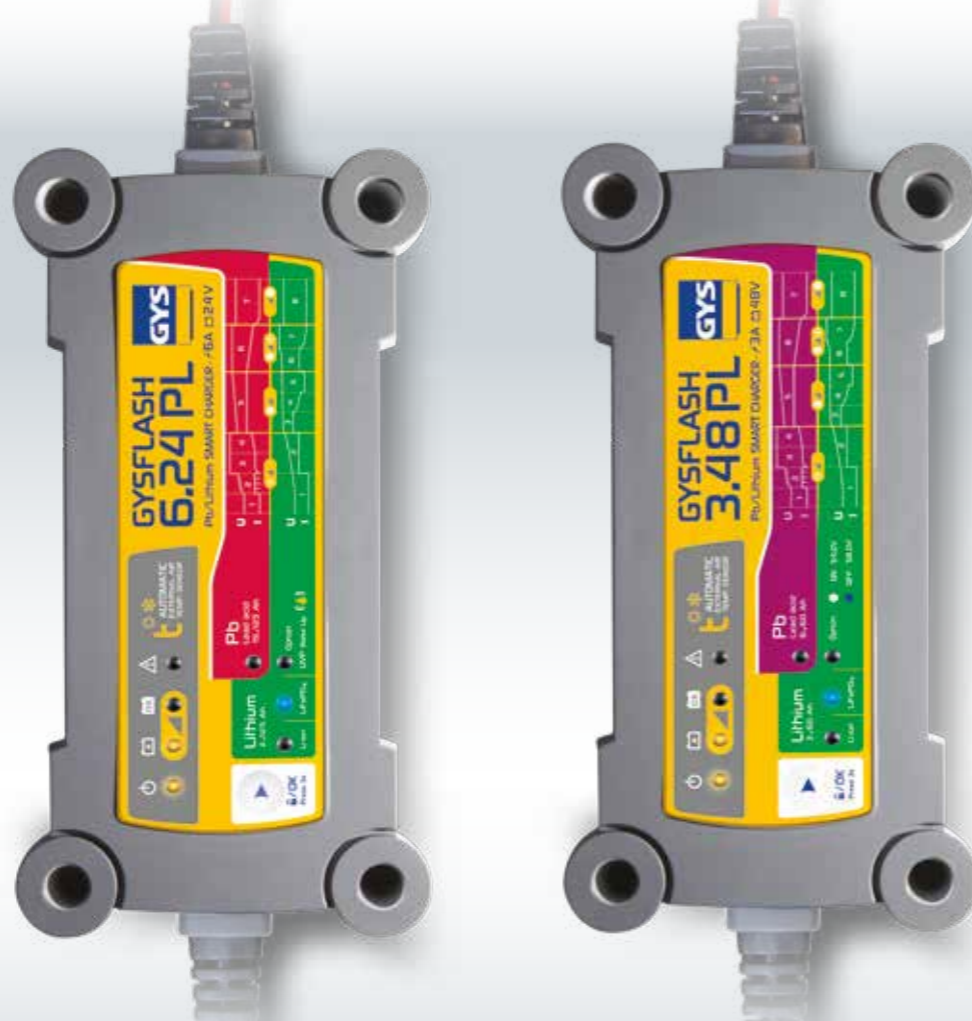


GYSFLASH Pb / LITHIUM

ELECTRO MOBILITY CHARGERS

Pb / Lithium

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



24 V • ELECTRICAL MOBILITY

GYSFLASH 6.24 PL

6 A GO > 2 V



027398

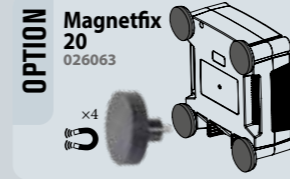
48 • INDUSTRY / ELECTROMOBILITY

GYSFLASH 3.48 PL

3 A



027893



OPTION
Magnetfix
20
026063

x4

027060

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36 / 48 • INDUSTRY / ELECTROMOBILITY

GYSFLASH 10.36/48 PL

10 A



027060

DESIGN GYS FRANCE	PATENTS REGISTERED NUMBERS 002280008 & 002279927 EUROPEAN TRADEMARK & DESIGN	50 / 60 Hz	Power	I _{charge}	V	n cell			Charge	Maintenance	Z _z	Ondulation/Ripple	Charging curve	IP	Person	Weight	L x W x H cm / kg	
						Pb	LFP	NMC										
MADE IN GYS CHINA	GYSFLASH 6.24 PL	220-240 V AC	2 m	190 W	6 A	24V	12	8	6	15 > 125 Ah (Pb) 2 > 125 Ah (Li)	15 > 170 Ah (Pb) 2 > 170 Ah (Li)	<0.4 Ah /month	<150 mV Rms	IUoU	7 step (Pb) 8 step (Li)	IP 65	1,1 kg	22.1 x 11.1 x 5.8 cm / 1.4
							6 > 60 Ah (Pb) 3 > 60 Ah (Li)	6 > 60 Ah (Pb) 3 > 60 Ah (Li)	<0.4 Ah /month	<150 mV Rms	IUoU	7 step (Pb) 8 step (Li)	IP 65	1,1 kg	22.1 x 11.1 x 5.8 cm / 1.2			
MADE IN FRANCE	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)	<0.4 Ah /month	<150 mV Rms	IUoU	7 step (Pb) 8 step (Li)	IP 31	1,85 kg	19 x 19 x 7.3 cm / 2
							15 > 160 Ah (Pb) 8 > 160 Ah (Li)	15 > 160 Ah (Pb) 8 > 160 Ah (Li)	<0.4 Ah /month	<150 mV Rms	IUoU	7 step (Pb) 8 step (Li)	IP 31	1,85 kg	19 x 19 x 7.3 cm / 2			

ELECTROMOBILITY

MOBILITY



SAE CONNECTOR S3
027428

OUTDOOR



ANDERSON CONNECTOR
A3
027855

SAE CONNECTOR S4
027442

SAE CONNECTOR S3
027428



SAE CONNECTOR S5
027473

MEDICAL



SAE CONNECTOR S3
027428



15

GYSFLASH Pb / LITHIUM

ELECTROMOBILITY CHARGERS



CHARGERS ON BOARD

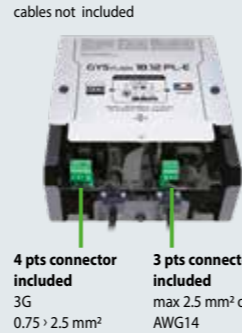
Pb ✓ NMC / LCO / MCO / NCA...
Lithium ✓ LiFePO4 / Li-ion / Li-Po

INCLUDED



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

OPEN & CONNECT



cables not included
4 pts connector included
3G
0.75 > 2.5 mm²
3 pts connector included
max 2.5 mm² or
AWG14

SSM PFC POWER FACTOR CORRECTION
185 V ← 265 V
110 V 220 V



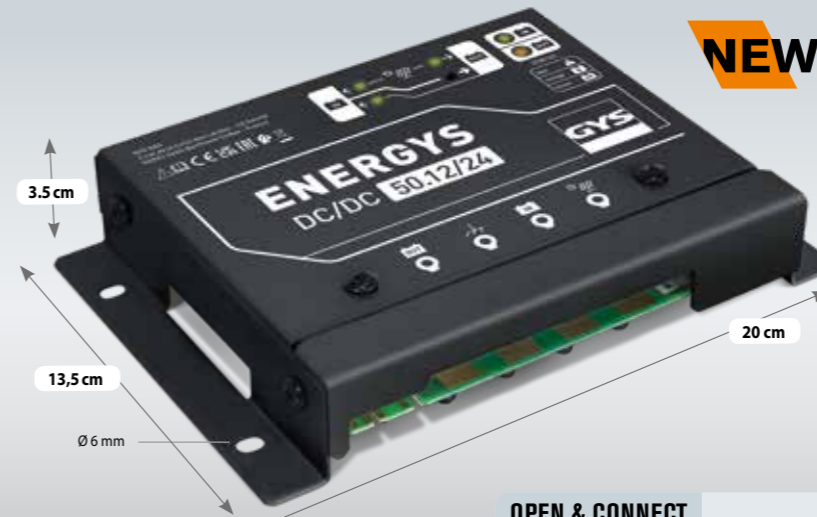
21.5 cm, 7 cm, 17.5 cm, 8 cm, GYSFLASH 18.12 PL-E, GYSFLASH 30.12 PL-E, GYSFLASH 15.24 PL-E, GYSFLASH 8.48 PL-E

12V GYSFLASH 18.12 PL-E 18 A Pb / LFP 025806	30 A COMING SOON GYSFLASH 30.12 PL-E Pb / LFP	24V GYSFLASH 15.24 PL-E 15 A Pb / Traction / LFP / Li-ion 025943	48V GYSFLASH 8.48 PL-E 8 A Pb / Traction / LFP / Li-ion 025950
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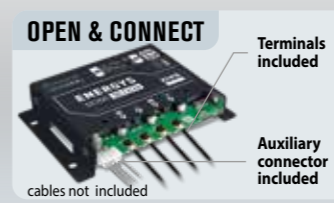


DC · DC CONVERTER REVERSIBLE

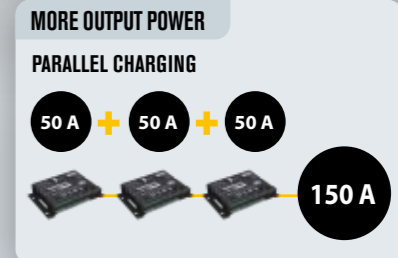
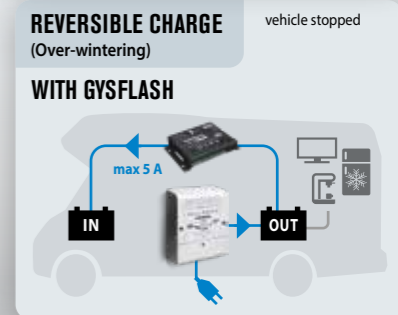
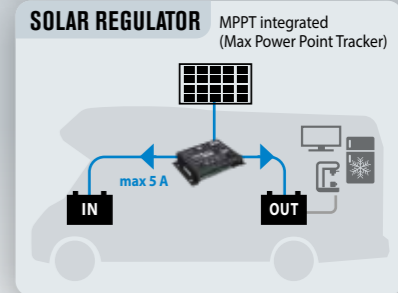
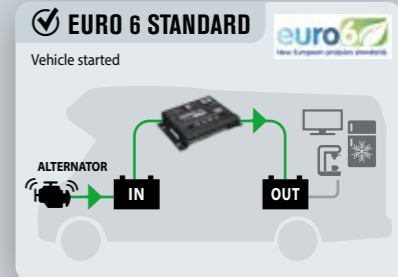
Pb ✓ Liquid / Gel, AGM
Lithium ✓ LiFePO4



ENERGYS DC/DC 50.12 / 24
50 A
072534



	Bat. input		Bat. output		Solar input		EFFICIENCY	Zz	mm	g
ENERGYS DC/DC 50.12/24	U	I max	U	I max	U _{MPPT}	I max				
	12/24V	50A	12/24V	50A	9-30V	20A	98%	<2.5 mA	135 × 35 × 200	570



SMART CHARGE

Pb

- Status analysis
- Recovery
- Test desulfation
- Desulfation
- Fast charge 80%
- Absorption
- Floating 100%

LiFePO₄ (LFP) / Li-ion

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

Pb TRACTION

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

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

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

GYSFLASH PL-E TECHNOLOGIES

SSM Save and load settings. Automatic restart in the event of a power cut.
Mémorisation des réglages. Redémarrage automatique en cas de coupure électrique.
Einstellungsspeicherung. Automatisches Starten nach einem Netzausfall.

Auto Recovery : Recovers deeply discharged (min 2V) and/or sulfated batteries.
Auto Recovery : Récupération des éléments des batteries profondément déchargées (mini 2V) et/ou sulfatées.
Auto Recovery: Wiederherstellung der Zellen bei tiefentladenen bzw. sulfatierten Batterien (min. 2V).

SPECIAL PROJECT - CONTACT US

Contact us for special projects. Quick customization : CAN BUS / CAN Open / J1939 / NMEA 2000 / R5485 / SM BVS / Automation / Relays...

SC SMART COOLING TECHNOLOGY

100% DUST PROOF

SILENT

ALU RUST PROTECTION

ULTRA LIGHTWEIGHT

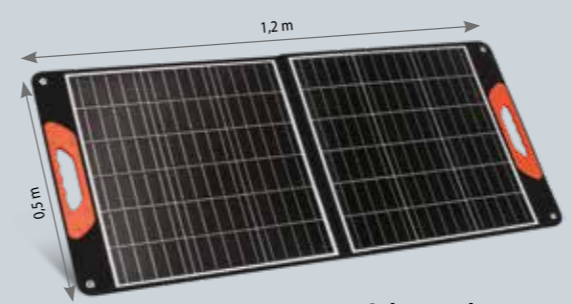
VIBRATION & SHOCK RESISTANT

-25 / +60°C

HIGH EFFICIENCY Up to 15% Energy Saving
93%

EMC class B

ACCESSORIES



Solar panel
monocrystalline - ETFE quality
18V - 100 W max

OUTPUT
USB 1 : 5V/3A
USB 2 : 5V/3A ; 9V/2A ; 12V/1.5A
Type C : 5V/3A ; 9V/2A ; 12V/1.5A
Jack : 18V/5.6A max

compatible with Energys DC/DC 50.12/24

079410



Battery monitor - Moniteur de batterie - Schlagzeugmonitor - Monitor de batería - Monitoraggio della batteria - Monitor baterii

12/24/36/48 V

Data analysis : Charge/discharge current (0-500A), Voltage (V), Temperature (°C), Input/output power (W), Remaining capacity (Ah)

Security detection : Overvoltage/Undervoltage, Overcurrent, Overheating

082557



Battery coupler - Coupleur de batteries - Acoplador de batería - Batteriekoppler - Innesso batteria - Separator akumulatora

12 V - 140 A
Pb battery only
Euro 6 not compatible

082564

MADE IN FRANCE	50 / 60 Hz	START MINI	I max	25°C @ 100%					40°C @ 100%					50°C @ 100%					60°C @ 100%					Ondulation/ Ripple	IP	IP	mm	L x W x H cm / kg
				Pb	LFP	Zz	<0.4 Ah/month	<0.4 Ah/month	<0.4 Ah/month	<0.4 Ah/month	<0.4 Ah/month	<0.4 Ah/month	<0.4 Ah/month	<0.4 Ah/month	<0.4 Ah/month	<0.4 Ah/month	<0.4 Ah/month	<0.4 Ah/month										
GYSFLASH 18.12 PL-E	230V	12V	300W	2V	18 A	18 A	16 A	14 A	12.5 A	36 > 270 Ah	18 > 270 Ah	<150 mV Rms	20	1.3 kg	21.5 × 17.5 × 7 cm	30 × 27 × 13 / 1.7												
GYSFLASH 30.12 PL-E	230V	12V	500W	2V	30 A	30 A	27 A	23 A	18 A	60 > 400 Ah	30 > 400 Ah	<150 mV Rms	20	1.6 kg	21.5 × 8 × 17.5 cm	—												
GYSFLASH 15.24 PL-E	230V	24V	500W	2V	15 A	15 A	13.5 A	11.5 A	9 A	30 > 240 Ah	15 > 240 Ah	<150 mV Rms	20	1.6 kg	21.5 × 8 × 17.5 cm	29 × 13 × 27 / 2												
GYSFLASH 8.48 PL-E	230V	48V	500W	2V	8 A	8 A	6 A	4.5 A	3.5 A	15 > 160 Ah	8 > 160 Ah	<150 mV Rms	20	1.6 kg	21.5 × 8 × 17.5 cm	—												



BSU

BATTERY SUPPORT UNIT

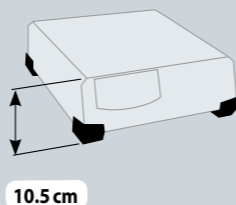
Battery support for:

- ✓ Diagnostics
- ✓ ECU programming
- ✓ ADAS recalibration

YouTube



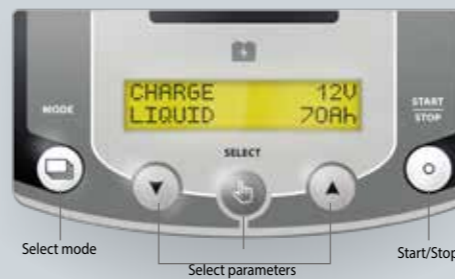
PLAYLIST
GYSFLASH
PRO



10.5 cm

PFC POWER FACTOR CORRECTION

FV FLEXIBLE VOLTAGE



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

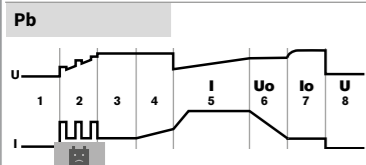
SC SMART COOLING TECHNOLOGY

100% DUST PROOF



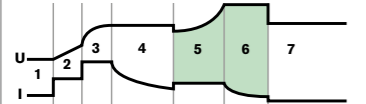
SILENT

SMART 8 STEP



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

LiFePO₄ 7 steps



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

CHARGE

Pb AUTOMOTIVE

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

Pb TRACTION

- ✓ GEL
- ✓ LIQUID

LITHIUM READY

- ✓ LFP/LiFePO₄

BSU

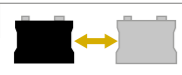
DIAG +



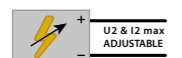
SHOWROOM



CHANGE BATTERY



POWER SUPPLY



12 V

GYSFLASH 30.12 30 A PFC SC 2,5 m - 6 mm ² 029224	GYSFLASH 50.12 FV 50 A PFC FV SC 2,5 m - 10 mm ² 026056	GYSFLASH 100.12 100 A PFC SC 2,5 m - 16 mm ² 029071 029453 5 m - 16 mm ² 029415 029002 082304
--	---	---

6 / 12 / 24 V

GYSFLASH 30.24 30 A PFC SC 2,5 m - 6 mm ² 029231	GYSFLASH 50.24 50 A PFC SC 2,5 m - 10 mm ² 029095 5 m - 10 mm ² 029620
--	---

12 V

GYSFLASH 102.12 100 A PFC SC 5 m - 16 mm ² 029606 082311



ACCESSORIES p.35

MADE IN FRANCE	50 / 60 Hz	W L	mm ²	START MINI	I max	25°C @ 100%	40°C @ 100%	TRACTION BATTERIES	SHOWROOM CONNECT	IP	Weight	Dimensions	L x W x H cm / kg			
GYSFLASH 30.12	185 > 265V	2,5 m	6	12V	540W	2V	30 A	30 A	30 A	10 · 400 Ah	—	Ø M6	21	4.9 kg	25 × 10.5 × 23 cm	41.4 × 25 × 31.1 / 4.9
GYSFLASH 50.12 FV	85 > 265V	2,5 m	10	12V	850W	2V	50 A	50 A	40 A	10 · 600 Ah	—	Ø M6	21	6.6 kg	30 × 10.5 × 29 cm	40 × 24 × 30 / 6.6
GYSFLASH 100.12	185 > 265V	2,5 m / 5 m	16	12V	1600W	2V	100 A	75 A	66 A	20 · 1200 Ah	—	Ø M6	21	7.4 kg / 8.3 kg	32 × 10.5 × 29.2 cm	31 × 25 × 41 / 7.4
GYSFLASH 30.24	185 > 265V	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	•	Ø M6	21	4.9 kg	25 × 10.5 × 23 cm	41.5 × 24.3 × 31 / 4.9
GYSFLASH 50.24	185 > 265V	2,5 m / 5 m	10	6V / 12V / 24V	1600 W	2V	50 A / 50 A / 45 A	45 A / 50 A / 40 A	35 A	10 · 600 Ah	•	Ø M6	21	6.6 kg / 7.9 kg	30 × 10.5 × 29.2 cm	41 × 24.5 × 31 / 6.6
GYSFLASH 102.12	185 > 265V	5 m	16	12V	1600W	2V	100 A	75 A	66 A	20 · 1200 Ah	—	Ø M6	21	9.1 kg	12 × 34.5 × 29.5 cm	24 × 40 × 30 / 9.1



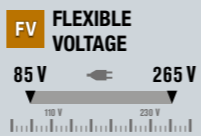
BSU

BATTERY SUPPORT UNIT

- Battery support for:
- ✓ Diagnostics
 - ✓ ECU programming
 - ✓ ADAS recalibration

CNT
Connected
Technology

**FULLY
CUSTOMIZABLE**
p.32

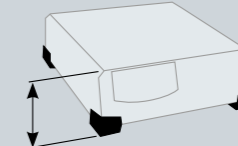


PFC POWER FACTOR CORRECTION

16 V COMPATIBLE WITH 16V BATTERIES

22 languages

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



10.5 cm
51.12 CNT
101.12 CNT

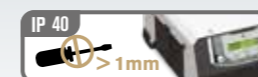
13 cm
121.12 CNT FV
125.12CNT FV
101.24 CNT FV
51.48 CNT FV



Select mode Select parameters Start/Stop

12 V (factory preset)
16/24 V READY

Use custom configuration tool
(detail p.32)



GYSFLASH 51.12 CNT FV

50 A

PFC FV SC CNT

2,5 m - 10 mm²
068179



GYSFLASH 101.12 CNT FV

100 A

PFC FV SC CNT

2,5 m - 16 mm²
025790

5 m - 16 mm²
026988



12 V

GYSFLASH 121.12 CNT FV

120 A

PFC FV CNT

5 m - 25 mm²
026971

UK: 027756

FR: 071605

DE: 082298



GYSFLASH 125.12 CNT FV

120 A 120 A @ 100%

PFC FV CNT

5 m - 25 mm²
028883

UK: 082274



6 / 12 / 16 / 24 V

GYSFLASH 101.24 CNT FV

100 A

PFC FV CNT

16 V ✓

5 m - 25 mm²
025967



6 / 12 / 16 / 24 / 36 / 48 V

GYSFLASH 51.48 CNT FV

50 A

PFC FV CNT

16 V ✓

5 m - 10 mm²
072015



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

Equalizing Balancing System 100% Perfect charge

CHARGE (150 CURVE CAPACITY)

Pb AUTOMOTIVE

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

Pb TRACTION

- ✓ GEL
- ✓ LIQUID
- ✓ and more

LITHIUM

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

BSU (10 CURVE CAPACITY)

DIAG + U2 ADJUSTABLE

SHOWROOM

CHANGE BATTERY

POWER SUPPLY U2 & I2 max ADJUSTABLE

AND MORE

✓ TEST

- ✓ VOLTAGE
- ✓ START UP
- ✓ ALTERNATOR

✓ STARTER

- ✓ START

CNT

Connected Modules & Technology
p.32

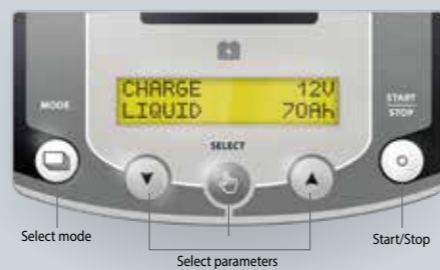
MADE IN FRANCE	50/60 Hz	mm ²	START MINI	I max	25°C @100%	40°C @100%	TRACTION BATTERIES	SHOWROOM CONNECT	IP	kg	L x W x H cm / kg				
GYSFLASH 51.12 CNT FV	85 > 265 V	2,5 m	10	12V / 24V	850 W	1 V	50 A / 25 A	50 A / 25 A	40 A / 20 A	10 > 600 Ah / 10 > 300 Ah	•	Ø M6	41	6.8 kg	30 x 10.5 x 29 cm / 38.5 x 22 x 40.5 / 6.8
GYSFLASH 101.12 CNT FV	85 > 265 V	2,5 m / 5 m	16	12V	1600 W	1 V	110 V : 100 A / 230 V : 100 A	50 A / 75 A	50 A / 66 A	20 > 1200 Ah	•	Ø M6	21	7.5 kg / 8.3 kg	32 x 10.5 x 29.2 cm / 35.5 x 23 x 35 / 8.6
GYSFLASH 121.12 CNT FV	85 > 265 V	5 m	25	12V	2000 W	1 V	110 V : 100 A / 230 V : 120 A	75 A / 110 A	55 A / 90 A	20 > 1500 Ah	•	Ø M6	20	10.4 kg	31 x 13 x 26 cm / 35.5 x 23 x 35 / 10.4
GYSFLASH 125.12 CNT FV	85 > 265 V	5 m	25	12V	2000 W	1 V	110 V : 100 A / 230 V : 120 A	100 A / 120 A	77 A / 116 A	20 > 1500 Ah	•	Ø M6	40	10.9 kg	31 x 13 x 26 cm / 38.5 x 22 x 40.5 / 10.9
GYSFLASH 101.24 CNT FV	85 > 265 V	5 m	25	6/12V / 24V	3200 W	1 V	110 V : 100 A / 230 V : 100 A	72 A / 89 A	47 A / 68 A	20 > 1200 Ah	•	Ø M6	20	10.6 kg	31 x 13 x 26 cm / 38.5 x 22 x 40.5 / 10.6
GYSFLASH 51.48 CNT FV	85 > 265 V	5 m	10	6/12/24V / 36/48V	3200 W	1 V	110 V : 50 A / 230 V : 50 A	44 A / 49 A	21 A / 39 A	10 > 600 Ah	•	Ø M6	20	9 kg	31 x 13 x 26 cm / 41 x 22 x 38.5 / 9



BSU

BATTERY SUPPORT UNIT

- Battery support for:
- ✓ Diagnostics
 - ✓ ECU programming
 - ✓ ADAS recalibration



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

CNT
Connected
Technology
FULLY CUSTOMIZABLE
p.32

PFC POWER FACTOR CORRECTION

16 V COMPATIBLE WITH 16V BATTERIES

FV FLEXIBLE VOLTAGE
85 V ← 265 V

INCLUDED

Fixing kit

OPTIONS

Magnetfix 50 029637

GYSFLASH PRO vertical wall mounting kit 082694 **NEW**



12 V

6 / 12 / 16 / 24V

GYSFLASH 103.12 CNT FV

100 A

PFC FV SC CNT

5 m - 16 mm²
072008



GYSFLASH 123.12 CNT FV

120 A

PFC FV CNT

5 m - 25 mm²
025677



GYSFLASH 53.24 CNT FV

50 A

PFC FV CNT SC 16 V

5 m - 10 mm²
082540



GYSFLASH 103.24 CNT FV

100 A

PFC FV CNT 16 V

5 m - 25 mm²
025684



SC

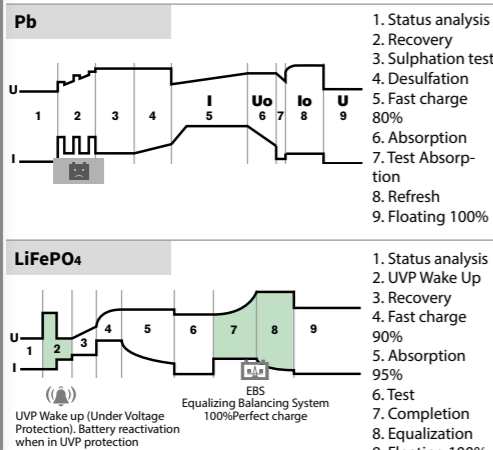
SMART COOLING TECHNOLOGY

100% DUST PROOF



SILENT

SMART 9 STEP



CHARGE (150 CURVE CAPACITY)

- Pb AUTOMOTIVE**
- ✓ GEL
 - ✓ AGM
 - ✓ LIQUID
 - ✓ EASY
 - ✓ NORMAL
 - ✓ BOOST
 - ✓ RECOVERY+
 - ✓ and more
- Pb TRACTION**
- ✓ GEL
 - ✓ LIQUID
 - ✓ and more
- LITHIUM**
- ✓ LFP/LiFePO₄
 - ✓ LI-ION STD
 - ✓ LFP CELL+
 - ✓ LI-ION CELL+
 - ✓ and more

BSU (10 CURVE CAPACITY)

- DIAG +**
- SHOWROOM**
- CHANGE BATTERY**
- POWER SUPPLY**
- AND MORE**
- ✓ TEST
 - ✓ VOLTAGE
 - ✓ START UP
 - ✓ ALTERNATOR
 - ✓ STARTER
 - ✓ START

CNT

Connected Modules & Technology p.32



MADE IN FRANCE

	50/60 Hz	mm ²		START MINI	I max	25°C @ 100%	40°C @ 100%	TRACTION BATTERIES	SHOWROOM CONNECT	IP		L x W x H cm / kg			
GYSFLASH 103.12 CNT FV	85 > 265 V	5 m	16	12V	1600 W	1V	110 V : 100 A 230 V : 100 A	50 A 75 A	50 A 66 A	20 > 1200 Ah	—	0 M6 21	8,2 kg	34,5 × 29,5 × 12 cm	41 × 38,5 × 22 / 9,2
GYSFLASH 123.12 CNT FV	85 > 265 V	5 m	25	12V	2000 W	1V	110 V : 100 A 230 V : 50 A	100 A 120 A	85 A 120 A	20 > 1200 Ah	•	0 M6 30	11 kg	34 × 25 × 15 cm	35,5 × 23,5 × 35 / 11
GYSFLASH 53.24 CNT FV	85 > 265 V	5 m	10	6/12V 24V	1600 W	1V	50 A 110 V : 25 A 230 V : 50 A	110 V : 40 A 230 V : 50 A	110 V : 27 A 230 V : 41 A	10 > 600 Ah	•	0 M6 21	5,8 kg	33,5 × 11 × 27 cm	41 × 38,5 × 22 / 11
GYSFLASH 103.24 CNT FV	85 > 265 V	5 m	25	6/12V 24V	3200 W	1V	110 V : 100 A 230 V : 100 A	100 A 100 A	68 A 79 A	20 > 1200 Ah	•	0 M6 30	11 kg	34 × 25 × 15 cm	35 × 23 × 37 / 11



GYSFLASH PRO CNT

BSU

BATTERY SUPPORT UNIT

Battery support for:

- ✓ Diagnostics
- ✓ ECU programming
- ✓ ADAS recalibration

CNT
Connected
Technology

FULLY CUSTOMIZABLE
p.32

FV FLEXIBLE VOLTAGE

85 V ← 265 V

PFC POWER FACTOR CORRECTION

16 V COMPATIBLE WITH 16V BATTERIES



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 |

TRACTION



27

GYSFLASH PRO CNT

BATTERY SUPPORT UNIT



NEW

19 languages

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

6 / 12 / 16 / 24 V

GYSFLASH 107.24 CNT FV

100 A

PFC FV CNT 16 V

5 m - 25 mm²
082939



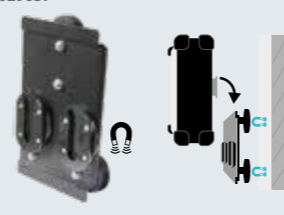
INCLUDED

Fixing kit



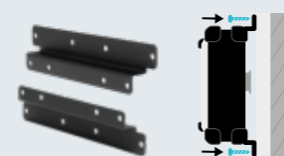
OPTIONS

Magnetfix 50
029637



GYSFLASH PRO vertical wall mounting kit
082694

NEW



6 / 12 / 16 / 24 / 36 / 48 V

GYSFLASH 25.48 CNT FV

25 A

PFC SC FV CNT 16 V

5 m - 10 mm²
075962



GYSFLASH 53.48 CNT FV

50 A

PFC FV CNT 16 V

5 m - 10 mm²
025998



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

Equalizing Balancing System 100% Perfect charge

CHARGE (150 CURVE CAPACITY)

Pb AUTOMOTIVE

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

Pb TRACTION

- ✓ GEL
- ✓ LIQUID
- ✓ and more

LITHIUM

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

BSU (10 CURVE CAPACITY)

DIAG +

SHOWROOM

CHANGE BATTERY

POWER SUPPLY

AND MORE

TEST

- ✓ VOLTAGE
- ✓ START UP
- ✓ ALTERNATOR

STARTER

- ✓ START

CNT

Connected Modules & Technology p.32

MADE IN FRANCE	50 / 60 Hz	mm ²	START MINI	I max	25°C @ 100%	40°C @ 100%	TRACTION BATTERIES	SHOWROOM CONNECT	IP	Weight	Dimensions (L x W x H cm / kg)					
GYSFLASH 107.24 CNT FV	85 - 265 V	5 m	25	6/12V	3200 W	1 V	110 V : 100 A 230 V : 100 A	100 A 100 A	68 A 79 A	20 · 1200 Ah	•	Ø M6	30	11 kg	34 × 25 × 15 cm	35 × 23 × 37 / 11
				24V	110 V : 50 A 230 V : 100 A	50 A 95 A	47 A 72 A									
GYSFLASH 25.48 CNT FV	100 - 127 V 220 - 240 V	5 m	10	6/12/24V	800 W 800 W	1 V	110 V : 12 A 230 V : 25 A	19 A 23,5 A	12 A 22 A	10 · 300 Ah	•	Ø M6	21	7,8 kg	12 × 34,5 × 29,5 cm	40,5 × 38 × 22,5 / 8,8
				36/48V	800 W 1600 W	13 A 24 A	10 A 20 A									
GYSFLASH 53.48 CNT FV	85 - 265 V	5 m	10	6/12/24V	3200 W	1 V	110 V : 50 A 230 V : 50 A	50 A 50 A	28 A 41 A	10 · 600 Ah	•	Ø M6	30	9,5 kg	34 × 25 × 15 cm	40 × 39 × 23 / 9,5
				36/48V	110 V : 25 A 230 V : 50 A	26 A 48 A	20 A 37 A									



BSU BATTERY SUPPORT UNIT & STARTER

CNT Connected Technology

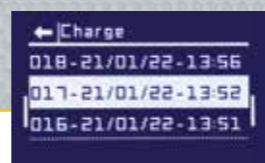
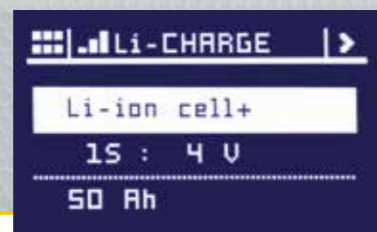
- Battery support for:
- ✓ Diagnostics
 - ✓ ECU programming
 - ✓ ADAS recalibration

SPECIAL PROJECTS

Contact us for special projects.
Quick Customization:
Modes, Curves, parameters...

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 +



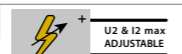
SHOWROOM



CHANGE BATTERY



POWER SUPPLY



AUTOMATIC STARTER

- ✓ START

TEST

- ✓ VOLTAGE
- ✓ START UP
- ✓ ALTERNATOR

FULL PROTECTION

- On-board electronics
- Over voltage
- No sparks

UNIVERSAL MODE **AUTO SELECTION**

SULFATED BATTERIES

START STOP **ALL BATTERIES**

GO >1V

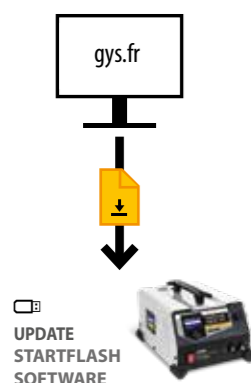
PFC POWER FACTOR CORRECTION

185V ← 265V



CNT Connected Technology

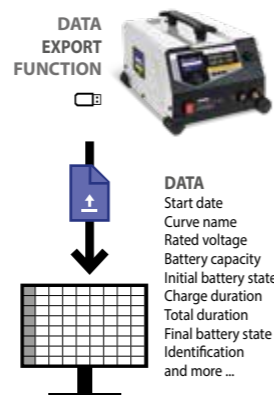
SOFTWARE UPDATE



CUSTOMIZATION



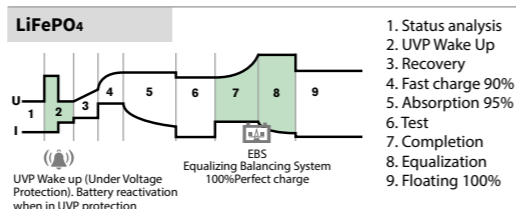
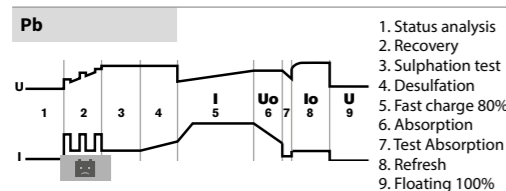
TRACEABILITY



Connected Modules & Technology p.32



SMART 9 STEP



OPTION

Trolley 074965



6/12/16/24V

STARTFLASH 120.24 CNT

2, 300 A

5 m - 35 mm² 700 A

073616

STARTER RECOMMENDATION	6V	12V	24V	10 • 180 Ah	180 • 250 Ah

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



BSU BATTERY SUPPORT UNIT

CNT
Connected Technology
FULLY CUSTOMIZABLE
p.32

CAR MANUFACTURING



YouTube

PLAYLIST
CNT TECHNOLOGY

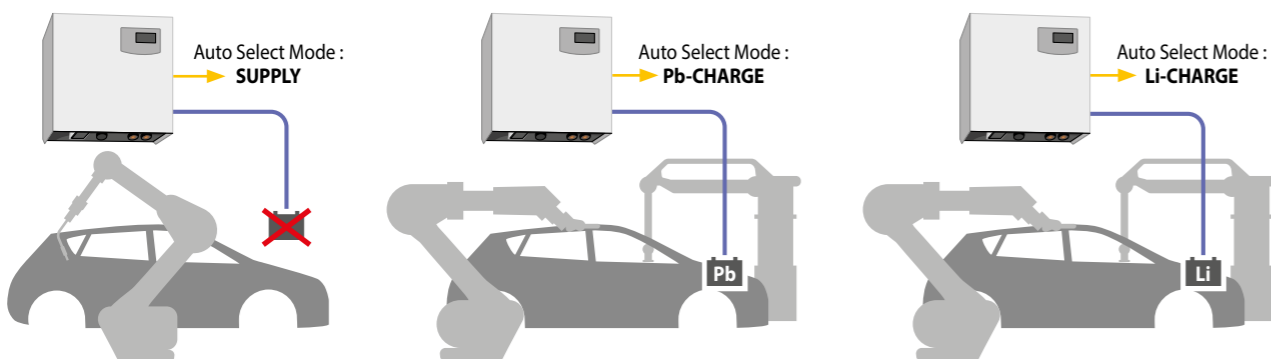
19 languages

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

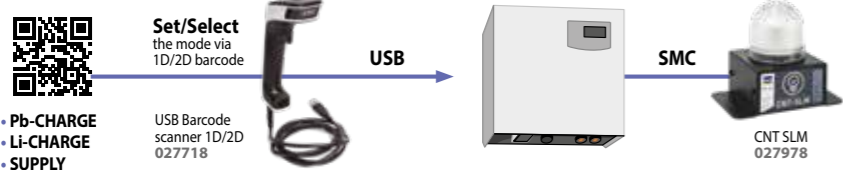


SPECIAL PROJECT - CONTACT US

AUTOMATIC BATTERY DETECTION & MODE SELECTION



CONTROL VIA 1D/2D BARCODES



CONFIG DESIGNER MENU

Setting the charge curve from the Gysflash interface :

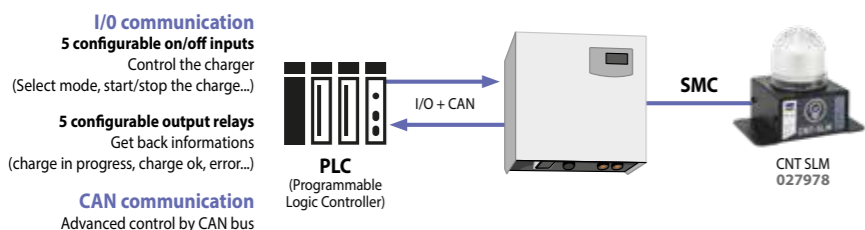
```

lead-acid n°001
U_esp 11.5 V
U_lade 14.8 V
I_lade 150.0 A
I_ehl 2.5 A
T_min 00:05:00
T_max 65:00:00
Q_max 250 Ah
T/Q_max error EHL
U_ehl 13.2 V
T_ges 250:00:00
U_low 5.0 V
  
```

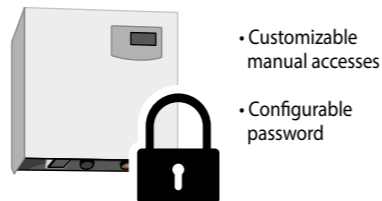


*No computer or USB key needed

ADVANCED AUTOMATION



SECURE ACCESS



- Customizable manual accesses
- Configurable password

CHARGE (150 CURVE CAPACITY)

- Pb CHARGE**
 - LEAD ACID
 - and more
- Li CHARGE**
 - LITHIUM
 - and more

SUPPLY (10 CURVE CAPACITY)

- EPS (External Power Supply)
- and more

POWER-UP

- LITHIUM REACTIVATION MODE

PFC POWER FACTOR CORRECTION

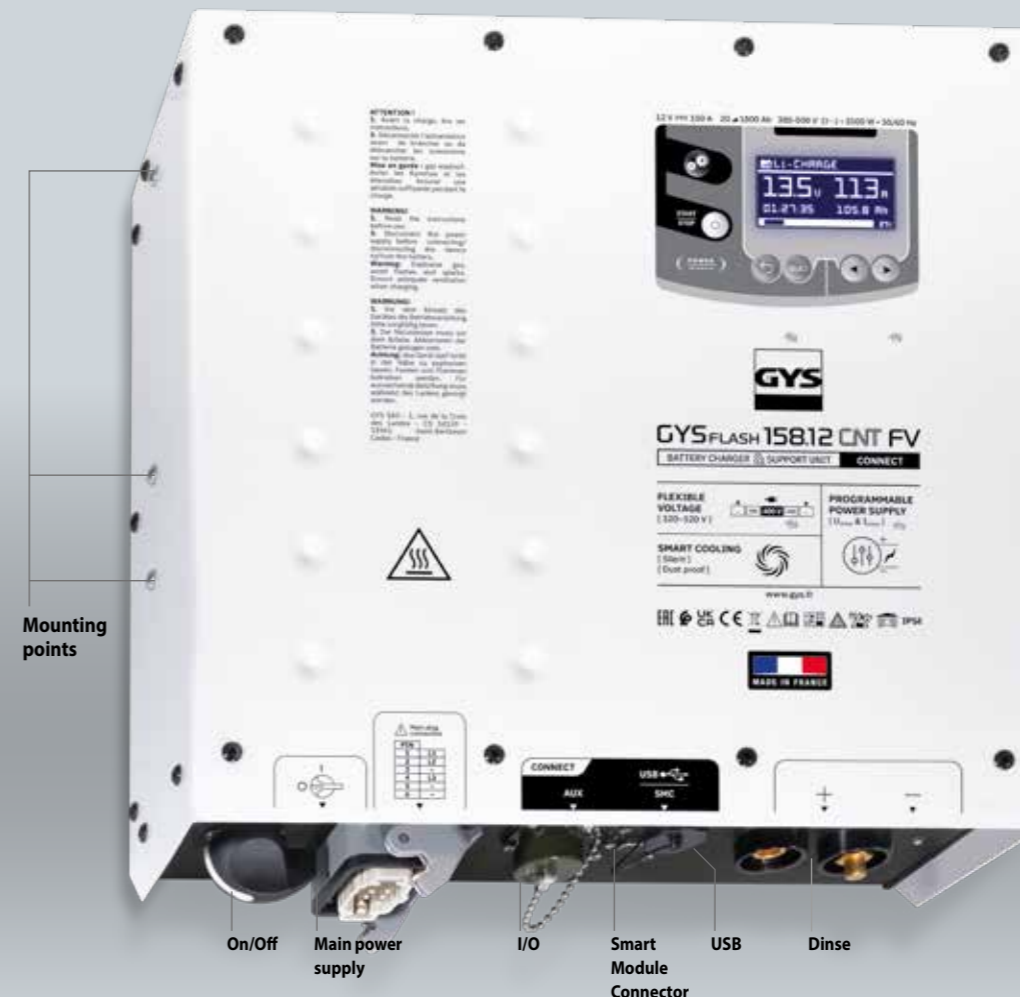
FV FLEXIBLE VOLTAGE
85 V - 265 V

FV FLEXIBLE VOLTAGE
320V - 520V

GYSFLASH 108.12 CNT FV
GYSFLASH 148.12 CNT FV

GYSFLASH 158.12 CNT FV

NEW



Mounting points

On/Off

Main power supply

I/O

Smart Module Connector

USB

Dinse

SCREW CONNECTOR available on request

12 V

COMING SOON

GYSFLASH 108.12 CNT FV
105 A
PFC SC FV CNT
085602

COMING SOON

GYSFLASH 148.12 CNT FV
145 A
PFC SC FV CNT
069916

COMING SOON

GYSFLASH 158.12 CNT FV
150 A
SC FV CNT
069909

MADE IN FRANCE	50 / 60 Hz	~	W L mm	mm ²	START MINI	I _{max}	25°C @ 100%	40°C @ 100%	60°C @ 100%	IP	kg	Dimensions		
GYSFLASH 108.12 CNT FV	85 > 265V	1	5 m	25	12V	1800W	1V	110 V : 65 A 230 V : 105 A	65 A 105 A	62 A 88 A	20 > 700 Ah 20 > 1200 Ah	54	9.4 kg	37.6 × 14.5 × 29.6 cm
GYSFLASH 148.12 CNT FV	85 > 265V	1	5 m	25	12V	2500W	1V	110 V : 100 A 230 V : 145 A	100 A 134 A	90 A 116 A	20 > 1200 Ah 20 > 1800 Ah	54	9.4 kg	37.6 × 14.5 × 29.6 cm
GYSFLASH 158.12 CNT FV	320 > 520V	3	5 m	25	12V	2500W	1V	150 A	140 A	120 A	20 > 1800 Ah	54	10.3 kg	37.6 × 14.5 × 38 cm



BSU

BATTERY SUPPORT UNIT

CNT
Connected
Technology



USB key
16 Gb
062344



SPECIAL PROJECTS
Contact us for special projects.
Quick Customization:
Modes, Curves, parameters...

SOFTWARE UPDATE LIFETIME EVOLUTION



TRACEABILITY CHARGING DATA



DESIGN YOUR CHARGING CURVE PRODUCT CONFIGURATION (CONFIG CURVE / LOGISTIC / CHARGING CURVE)

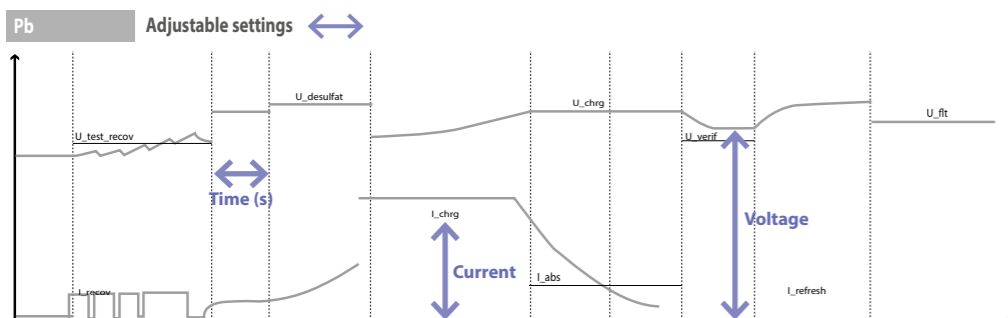
CNT MANAGER (gys.fr)

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



Full customisation

Create your personalised configuration



Adjust your unit to best suit your application

	LEAD-ACID - PB	Lithium - LFP	Lithium - Li-ion std
CELL VOLTAGE (20% - 100%)	2.0V/cell – 2.15 V/cell	3.2V/cell – 3.6 V/cell	3.5 V/cell – 4.2 V/cell
CHARGING VOLTAGE	2.33 V/cell – 2.47 V/cell	3.6 V/cell	4.2 V/cell
Gysflash xx.12 CNT	1 S* – 6 S	1 S – 4 S	1 S – 3 S
Gysflash xx.24 CNT	1 S – 12 S	1 S – 8 S	1 S – 7 S
Gysflash xx.48 CNT	1 S – 24 S	1 S – 16 S	1 S – 14 S

*S = Battery serial cells

Download one of our GYS configuration

Configuration file (gys.fr)	Applications	CHARGE MODE										POWER MODE				MISCELLANEOUS				
		Pb-CHARGE					LI-CHARGE			TRACTION		SHOWROOM	CHANGE BAT.	STARTER MODE	POWER SUPPLY	LI-SUPPLY/LFP	LI-SUPPLY/Li-ion	TESTER MODE		
		normal	AGM	liquid	Easy	Boost	Recovery +	Ca / Ca recov	LFP/LiFePO4	Li-ion std	LFP cell+								Li-ion cell+	liquid
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	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

MODULES MAXIMUM VERSATILITY

SINGLE MODULE



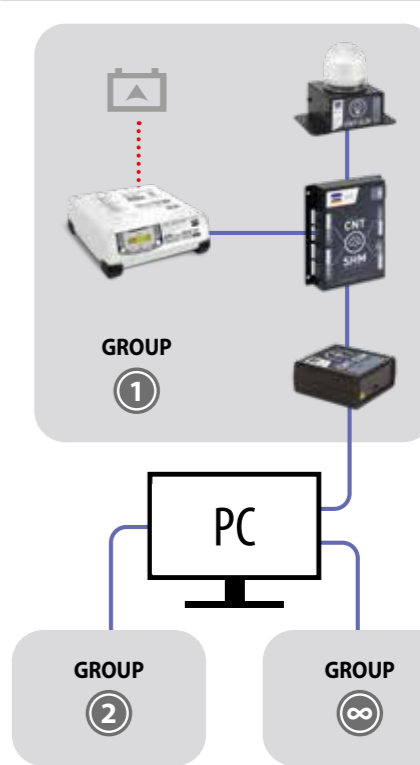
MULTI MODULES



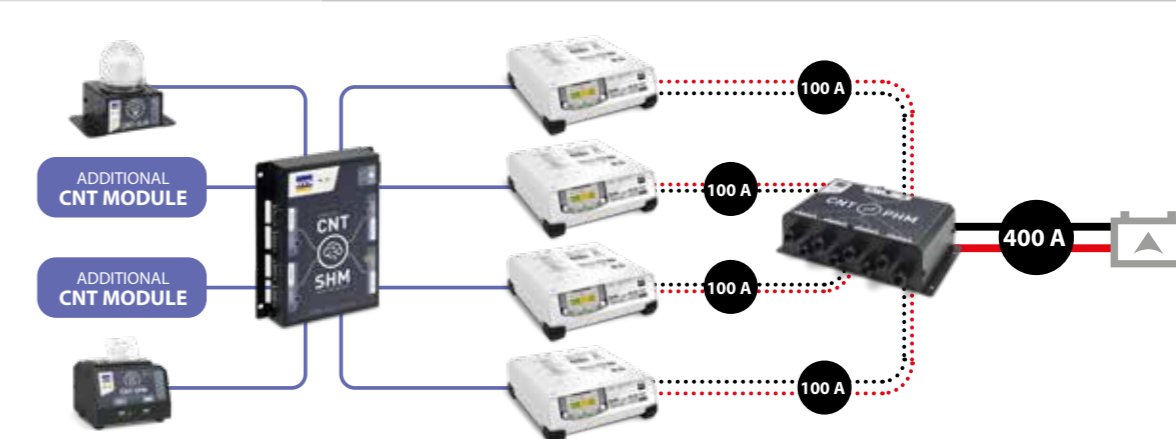
ADVANCED



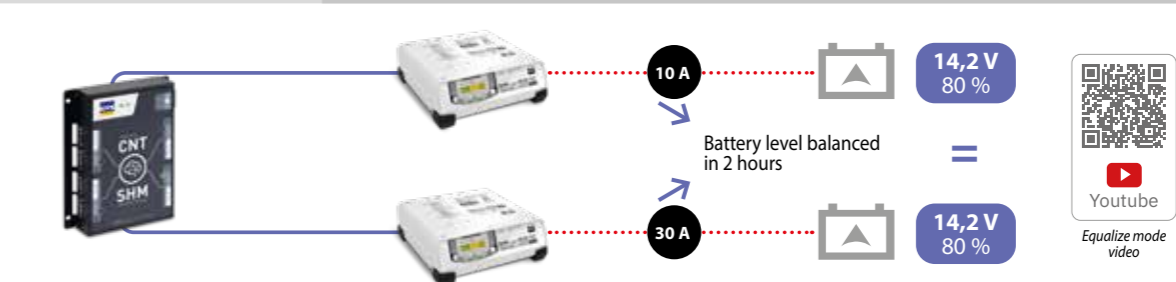
MULTI-MODULES GROUPS



PARALLEL CHARGING EXAMPLE : GYSFLASH 101.12 CNT (X4)



EQUALISATION APPLICATION EXAMPLE: DIAGNOSTICS OR RESPROGRAMMING TRUCKS



Equalize mode video



BSU BATTERY SUPPORT UNIT

CNT
Connected
Technology

COMING SOON



YouTube
PLAYLIST
CNT TECHNOLOGY

SMC CABLE

1 m 056596 3 m 025691



SMART HUB MODULE

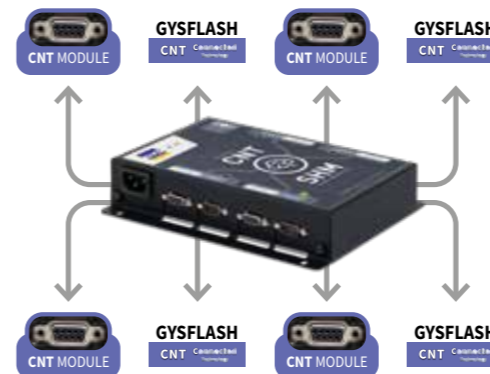
CNT-SHM
Smart Hub Module
025981

↳ 22 × 18 × 4.5 cm / 1 kg
☞ 16.4 × 13.4 × 24 cm / 1.7 kg

Included
SMC Cable
1 m
056596



UP TO 4 MODULES + 4 GYSFLASH

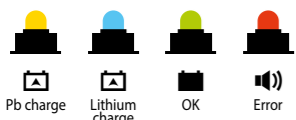


LIGHT & SOUND

CNT-SLM
Smart Light Module
027978



65dB



↳ 12.6 × 14.6 × 9.3 cm / 560g
☞ 23 × 17 × 13 cm / 840g

Included
SMC Cable
1 m
056596



OPTIONS

SLM/SPM support
028906



PRINT

CNT-SPM
Smart Printer Module
026919

↳ 14 × 10.5 × 13.3 cm / 1.4 kg
☞ 23 × 17 × 13 cm / 1.9 kg



Customizable receipt

Included

SMC Cable
1 m
056596



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

OPTIONS

USB Keyboard
AZERTY 027725
QWERTY 027770

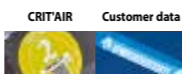
QWERTZ compatibility



SCAN

USB Barcode scanner
1D/2D
027718

USB direct connection



OPTIONS

Support
Barcode scanner
025745



NEW CNT-SCM Smart Can Module

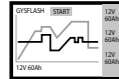


SMART COMMUNICATION

CNT-SUM
Smart USB Module
025974

Computer /
Diag System

↳ USB micro A
↳ 6.9 × 6.8 × 2.9 cm / 85g
☞ 28.5 × 11 × 11.5 cm / 380g



Included
SMC Cable
1 m
056596



CNT-SWM
Smart Wireless Module
070837

Computer /
Diag System

↳ Bluetooth LE Wifi
COMING SOON
↳ 6.9 × 6.8 × 2.9 cm / 85g
☞ 27.6 × 9.6 × 9.6 cm / 440g



Included
SMC Cable
1 m
056596



CHARGERS STANDARD ACCESSORIES

CNT TECHNOLOGY & ACCESSORIES

BATTERY SUPPORT UNIT

ANDERSON CABLES

Anderson / Clamps	for GYSFLASH	
	32.12 PL / 30.12 50.12 / 51.12 / 30.24 50.24 / 53.24 / 25.48 51.48 / 53.48	100.12 101.12 102.12 103.12
2.5 m - 10 mm ² 085800	✓	—
2.5 m - 16 mm ² 056503	✓	✓
5 m - 16 mm ² 054615	✓	✓
8 m - 16 mm ² 056572	✓	✓
Anderson / NATO	✓	✓
5 m - 16 mm ² 026810	✓	✓
Anderson / Rema 160 A	✓	✓
5 m - 16 mm ² 069091	✓	✓
Anderson / Anderson 175 A	✓	✓
5 m - 16 mm ² 069107	✓	✓
Anderson / Texas	✓	✓
0.2 m - 16 mm ² 055902	✓	✓
1 m - 16 mm ² 028791	✓	✓

TEXAS CABLES

Texas / Clamps	for GYSFLASH	
	121.12 / 123.12 / 125.12 / 101.24 03.24 / 107.24	
2.5 m - 25 mm ² 028876	✓	
5 m - 25 mm ² 027886	✓	
Texas / Rema 160 A	✓	
5 m - 25 mm ² 025714	✓	
Texas / Anderson 175 A	✓	
5 m - 25 mm ² 025721	✓	
Texas / NATO	✓	
5 m - 25 mm ² 025707	✓	
10 m - 25 mm ² 056626	✓	

PARALLEL CABLES KIT 072954



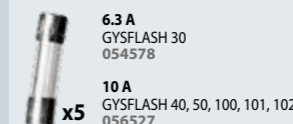
Anderson/Cable lugs M6 x2 16 mm² - 1 m
Cable lugs/Cable lugs M6 x2 (1 red + 1 black) 35 mm² - 5 m
Texas/Cable lugs M6 x2 25 mm² 1 m
M6 KIT Ø16 (x4) Ø25 (x4) Ø35 (x4)
SMC Cable 1 m

INTERNAL FUSES



40 A for GYSFLASH 30 054646 x2
80 A for GYSFLASH 40, 50 054653 x2
125 A for GYSFLASH 100, 101, 102 054585 x2
150 A for GYSFLASH 121, 123, 103 027930 x2

EXTERNAL FUSES



6.3 A GYSFLASH 30 054578 x5
10 A GYSFLASH 40, 50, 100, 101, 102 056527

CONNECTORS



NATO 026780
DIN14690 028784



CHARGERS SUPPORTS



ALL GYSFLASH
- COMPATIBILITY -
VERTICAL & HORIZONTAL

NEW
09 2024



BSU Flash XL
028890

BSU Flash Plus
085510

NEW
09 2024



robust tyres

**OPTION
Cable support**
052284

**OPTION
Protective cover**
062733

Wall support for GYSFLASH

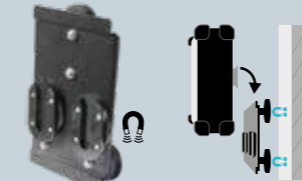
32.12.PL, 102.12, 123.12, 103.12, 103.24,
15.24.XTREM, 25.48, 53.48

INCLUDED Fixing kit



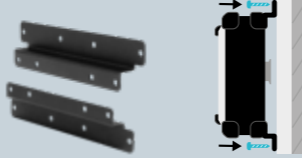
OPTION Magnetfix 50

029637



OPTION GYSFLASH PRO vertical wall mounting kit

082694



Wall support Tablette Wandhalterung

055513



↓ 21 × 43 × 57 cm / ⚖ 3.9 kg
☞ 36 × 43 × 20 cm / ⚖ 3.3 kg

Heavy-duty case Valise de chantier Hartschalenkoffer

060432



IP67

Battery charging rack Rack de charge Ladeständer

079595



GYSFLASH CNT PACKS

101.12 CNT 026988	121.12 CNT 026971	101.24 CNT 025967	CNT-SPM + paper roll + support 026919 + 056633 + 028906	Barcode Scanner + support 027718 + 025745	BSU Flash XL 028890	BSU Flash Plus 085510	CNT SLM 027978	CNT SHM 025981	CNT PHM 056589	Parallel cable kit 072954	SMC Cable (1m) 056596

SINGLE GYSFLASH

pack GYSFLASH CNT 1 068117	✓	—	—	✓	✓	✓	✓	QWERTY	✓	—	—	—	—	—
pack GYSFLASH CNT 2 068124	✓	—	—	✓	✓	✓	✓	AZERTY	✓	—	—	—	—	—
pack GYSFLASH CNT 3 068131	—	✓	—	✓	✓	✓	✓	QWERTY	✓	—	—	—	—	—
pack GYSFLASH CNT 4 068148	—	✓	—	✓	✓	✓	✓	AZERTY	✓	—	—	—	—	—

DOUBLE GYSFLASH

pack GYSFLASH CNT 5 072978	✓ x2	—	—	✓	✓	✓	✓	AZERTY	✓	—	✓	✓	✓	✓
pack GYSFLASH CNT 6 074972	✓ x2	—	—	✓	✓	✓	✓	QWERTY	✓	—	✓	✓	✓	✓
pack EQUILIBRAGE 1 085534	✓ x2	—	—	—	—	—	—	—	—	✓	—	—	—	✓
pack EQUILIBRAGE 2 085541	✓ x2	—	—	—	—	—	—	—	—	✓	—	—	—	✓
pack EQUILIBRAGE 3 085558	—	—	✓ x2	—	—	—	—	—	—	✓	—	—	—	✓
pack EQUILIBRAGE 4 085565	—	—	✓ x2	—	—	—	—	—	—	✓	—	—	—	✓

WITHOUT GYSFLASH

pack Parallel Charging 072961	—	—	—	—	—	—	—	—	—	—	✓	✓	✓	—
pack GYSFLASH PRO 1 079908	—	—	—	✓	✓	✓	✓	AZERTY	✓	—	✓	✓	—	—
pack GYSFLASH PRO 2 079915	—	—	—	✓	✓	✓	✓	QWERTY	✓	—	✓	✓	—	—



CT

CHARGERS



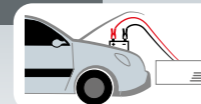
CT 160
9 A
 SSM
 1.5 m - 1.5 mm² → 40 A
 024106
 025325



CT 210
12 A
 SSM
 1.5 m - 2.5 mm² → 40 A
 024113
 025349

12/24 V • MANUAL **W**

CA



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**

MULTICHARGE



6 charging speeds

MULTICHARGE CT 48
32 A
 SSM
 026087

12/24/36/48 V • MANUAL **W**

WATTMATIC



Protection for on-board electronics



WATTMATIC 100
5 A GO > 3.5 V
 SSM START STOP
 024823
 1.5 m - 1.5 mm² → 40 A



WATTMATIC 140
9 A GO > 3.5 V
 SSM START STOP
 025608
 1.5 m - 2.5 mm² → 40 A



WATTMATIC 170
10 A GO > 3.5 V
 SSM START STOP
 025615
 1.8 m - 2.5 mm² → 40 A

6/12 V • AUTOMATIC **WUoU**



Fuse x10

10A WATTMATIC 100 054530

15A CT 160, WATTMATIC 140 054493

20A CT 210, WATTMATIC 150 & 170 054509

25A CA 150, WATTMATIC 180 054516

40A CT 48 054646

50A CA 360 054622

	Voltage	Power	Output	CHARGE				Efficacy / RMS	Reg	Fuse	L x W x H cm / kg	Weight
				Average / Moyen (EN 60335)			Reg					
				Reg 1	Reg 2	Reg 3						
CT 160	230V, 50/60 Hz	190W	12/24V	12V > 7A 24V > 3A	9A (boost) 5A (boost)	—	13,5A 7,5A	2	15A	30.3 x 20.7 x 13.9 / 3.9	3,9 kg	
CT 210	230V, 50/60 Hz	260W	12/24V	12V > 8A 24V > 4A	12A (boost) 6A (boost)	—	18A 9A	2	20A	33.4 x 22.5 x 14.4 / 5.3	5,2 kg	
MULTICHARGE CT 48	230V, 50/60 Hz	1200W	12/24/36/48V	12V > 20,8A 24V > 20,1A 36V > 19,6A 48V > 15,5A	32,4A 31,8A 30,4A (boost) 18,7A (24,3A boost)	—	31A 29A 29A 28A	6	40A	40.5 x 34 x 24 / 15.8	15,5 kg	
CA 150	230V, 50/60 Hz	500W	12/24V	8A	10A (boost)	—	18A	2	25A	32.8 x 25.5 x 14.6 / 6.5	6 kg	
CA 360	230V, 50/60 Hz	920W	12/24V	7A	15A (boost1) 25A (boost2)	—	37A	3	50A	43 x 30 x 23 / 14	14 kg	
WATTMATIC 100	230V, 50 Hz	170W	6/12V	3A	5A	—	11.4A	2	10A	26.9 x 24.3 x 12.8 / 3.7	3.8 kg	
WATTMATIC 140	230V, 50 Hz	230W	6/12V	5A	9A (boost)	—	16.5A	2	15A	33.9 x 22.2 x 13.4 / 4.8	4.8 kg	
WATTMATIC 170	230V, 50 Hz	280W	6/12V	6.5A	10A (boost)	—	18.8A	2	20A	33.9 x 22.2 x 13.6 / 5	5 kg	

RECOMMENDATION	6V												12V												24V												30V												36V												48V											
	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	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	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	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	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													+48 V												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																																																											





STARTUP



START / NEOSTART

STARTERS & CHARGERS AUTOMATIC W2

SSM SELF START MEMORY



12 V

STARTUP 80

17 A

SSM

024922
025127



STARTERS & CHARGERS TRADITIONAL W

SSM SELF START MEMORY



12 V

12/24 V

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



12/24 V

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

DESIGN GYS FRANCE

MADE IN GYS CHINA

46

	50/60 Hz	I ₁	CHARGE							START			Fuse	LxWxH cm / kg	LxWxH cm / kg			
			CHARGE kW	START kW	Reg	RMS / Efficace	Average / Moyen (EN 60335)	Boost	Automatic	Manual	min > max	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	—	—	17 x 11,5 x 31 / 4,2	19 x 12 x 32 / 4,2
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	35 x 24 x 15 / 7,6	37 x 27 x 18 / 8
START 300	230V	13 A	12V / 24V	0,8 / 1,2	3,6 / 3,6	3	13-36 A	10 A / 8 A	23 A / 17 A	—	•	42 > 300 Ah / 38 > 224 Ah	100 A / 9 A	165 A / 30 A	—	80 A	36 x 27 x 20 / 12,4	40 x 35 x 23,5 / 13,7
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 x 30 x 21 / 13	41 x 35 x 24 / 14,7
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	48 x 30 x 23 / 18	52 x 34 x 31 / 21
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	31,5 x 23 x 44,5 / 23,7	21 x 33,5 x 26,5 / 24

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
START UP 80	•	•	•					35 > 50 Ah								
START 200	•	•	•					35 > 40 Ah	40 > 80 Ah							
START 300	•	•	•					35 > 50 Ah	50 > 100 Ah							
NEOSTART 320	•	•	•						35 > 60 Ah	60 > 120 Ah						
NEOSTART 420	•	•	•							35 > 80 Ah	80 > 160 Ah					
NEOSTART 620	•	•	•								45 > 100 Ah	100 > 200 Ah				



STARTERS & CHARGERS
AUTOMATIC



3 in 1

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

TIMER

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

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



35/50 mm²



NEW DESIGN



NEW DESIGN



NEW DESIGN



NATO OTAN Compatibility p.61 **NEW DESIGN**



12V



12/24V

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

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

MADE IN FRANCE	I ₁	CHARGE		START				BSU	FUSE	LxWxH cm / kg	LxWxH cm / kg	CCA (EN) START					
		CHARGE kW	START kW	min > max	RMS / Efficace	Average / Moyen (EN 60335)	Reg						Boost	Automatic	1V/Cell	0V/Cell	AUTO START
STARTIUM 330E	230V	16 A	0,8	6,5	12V : 20 > 370 Ah 24V : 20 > 300 Ah	40 A	25 A	4	—	•	12V : 165 A / 270 A 24V : 130 A / 210 A	•	—	100 A	26 x 26 x 47 / 15,5	28 x 28 x 47 / 16	500 A
STARTIUM 480E	230V	16 A	1,7	9	12V : 20 > 600 Ah 24V : 20 > 450 Ah	65 A	30 A	4	40 A	•	12V : 280 A / 390 A 24V : 210 A / 290 A	•	—	200 A	34 x 30 x 64 / 20,5	64 x 37 x 31 / 29	750 A
STARTIUM 680E	230V	16 A	2	10	12V : 20 > 675 Ah 24V : 20 > 525 Ah	75 A	30 A	4	45 A	•	12V : 380 A / 550 A 24V : 270 A / 380 A	•	—	200 A	34 x 30 x 64 / 25,5	65 x 37 x 31 / 31	900 A
STARTIUM 980E	230V	16 A	2	12	12V : 20 > 750 Ah 24V : 20 > 525 Ah	80 A	40 A	4	50 A	•	12V : 500 A / 720 A 24V : 400 A / 560 A	•	—	250 A	34 x 30 x 80 / 30	65 x 37 x 32 / 36	1400 A
DIAG STARTIUM 60-12	230V	16 A	2	10	12V : 20 > 900 Ah	95 A	60 A	4	—	•	12V : 310 A / 440 A	•	•	200 A	35 x 35 x 72 / 30,5	80 x 37 x 35 / 36	900 A
DIAG STARTIUM 60-24	230V	16 A	2	10	6V : 20 > 900 Ah 12V : 20 > 900 Ah 24V : 20 > 525 Ah	65 A / 95 A / 65 A	40 A / 60 A / 40 A	4	—	•	6V : — 12V : 300 A / 430 A 24V : 280 A / 410 A	•	•	200 A	35 x 35 x 72 / 30,5	80 x 37 x 35 / 36	900 A

Fuse x2	100 A Startium 330E 054394	200 A Startium 480E, 680E, Diag. 60-12, 60-24 054547	250 A Startium 980E 055568
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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
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				

BSU Battery Support Unit

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

BATTERY EXPERT





BOOSTERS

6 - 12 - 24 V

Pb inside

GYSPACK	52
STARTPACK	56
ENERGVSTATION	59

LITHIUM inside

NOMAD POWER	62
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SUPER CAPACITOR inside

STARTRONIC	64
GYSCAP	65

MEMORY SAVER

GYSPACK OBD / NOMAD OBD	66
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GYSPACK

BOOSTERS Pb/LEAD INSIDE

  POWER SUPPLY
12V DC

FOR GYSPACK 660/750/800/700/900

Fuse x2 200 A 054547 300 A 054561



OPTION MEMORY AUTO SAVE
CABLE OBD 1,5 m 054202



Fuse 7,5A




SPIRAL TECHNOLOGY



SPIRAL TECHNOLOGY

New handle design



 TPPL
TECHNOLOGY
Thin Plate
Pure Lead
**PREMIUM
QUALITY
BATTERIES**



12 V **28 Ah** INSIDE HOBBIES OCCASIONAL PRO INTENSIVE

GYSPACK 660

1 900 A 640 A
1V/Cell

1.3 m - 25 mm² → 600 A

027862
027992
025929



INCLUDED GYSPACK 660

CHARGER
Power in 100-240 V/out 12 V
50/60 Hz
027992
025929



 REGULATED
FAST CHARGE
FV FLEXIBLE
VOLTAGE
85 V ← 265 V

12 V **28 Ah** SPIRAL INSIDE HOBBIES OCCASIONAL PRO INTENSIVE

GYSPACK 750

2 500 A 750 A
1V/Cell

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



 REGULATED
FAST CHARGE
FV FLEXIBLE
VOLTAGE
85 V ← 265 V

12 V **28 Ah** SPIRAL INSIDE HOBBIES OCCASIONAL PRO INTENSIVE

GYSPACK PRO 800

2 500 A 700 A
1V/Cell


1.8 m - 25 mm² → 600 A

068759
072107

INCLUDED GYSPACK PRO 800

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



 REGULATED
FAST CHARGE
FV FLEXIBLE
VOLTAGE
85 V ← 265 V

12 V **16 Ah** INSIDE HOBBIES OCCASIONAL PRO INTENSIVE

GYSPACK PRO 700

1 800 A 640 A
1V/Cell

1.4 m - 25 mm² → 600 A

027077

1 096 701



INTEGRATED
CHARGER

7
STEP

12 V **30 Ah** INSIDE HOBBIES OCCASIONAL PRO INTENSIVE

GYSPACK PRO 900

3 100 A 830 A
1V/Cell

1.8 m - 35 mm² → 600 A

027084
027954

1 096 701



INTEGRATED
CHARGER

7
STEP




After each use
Après chaque utilisation
Nach jeder Anwendung

DESIGN GYS FRANCE

MADE IN
GYS CHINA

MADE IN
FRANCE

	Inside	START 			CHARGER INSIDE	EXTERNAL Charge 230V	Protection		Power out		Fuse	Fuse	LxWxH cm	LxWxH cm / kg
		1 V/Cell	0 V/Cell	Peak Battery			ON	OFF	Memory	Memory				
GYSPACK 660	28 Ah	12V	640 A	1200 A	1900 A	110-240V	12V/2 A DC	•	•	→ 12V DC	—	1 × 200 A	35 x 19 x 40	39 x 23 x 45 / 13.5
GYSPACK 750	28 Ah	12V	750 A	1450 A	2500 A	110-240V	12V/2 A DC	•	•	→ 12V DC	—	2 × 200 A	35 x 19 x 40	39 x 23 x 45 / 13.5
GYSPACK PRO 800	28 Ah	12V	700 A	1320 A	2500 A	110-240V	12V/2 A DC	•	•	→ 12V DC	10 A	2 × 200 A	31 x 19 x 35	32 x 23 x 37 / 18.4
GYSPACK PRO 700	16 Ah	12V	640 A	1200 A	1800 A	220-240V	—	•	•	→ 12V DC	10 A	1 × 200 A	33 x 15 x 32	35 x 24 x 36 / 12
GYSPACK PRO 900	30 Ah	12V	830 A	1700 A	3100 A	220-240V	—	•	•	→ 12V DC	10 A	1 × 300 A	33 x 15 x 32	35 x 24 x 36 / 16

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													
	6V	12V	24V											
GYSPACK 660	•													
GYSPACK 750	•													
GYSPACK PRO 800	•													
GYSPACK PRO 700	•													
GYSPACK PRO 900	•													



55

GYSPACK

BOOSTERS • Pb/LEAD INSIDE

BOOSTERS Pb/LEAD INSIDE

+ POWER SUPPLY
12V DC



12/24 V **22Ah + 22Ah** INSIDE OCCASIONAL **PRO INTENSIVE**

STARTPACK TRUCK

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



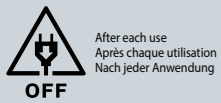
1.8 m - 25 mm² 600 A 025448
026339

STARTPACK TRUCK MOBILE

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

1.8 m - 25 mm² 600 A 026025
028807

INCLUDED STARTPACK TRUCK & TRUCK MOBILE



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



OPTION
MEMORY AUTO SAVE
CABLE OBD 1,5 m
054202
Fuse 7,5A



DESIGN GYS FRANCE

MADE IN GYS CHINA

MADE IN FRANCE

Model	Inside	START			TEST	OK	50 / 60 Hz	CHARGER INSIDE	EXTERNAL Charge 230V	Protection		Power out		LxWxH cm	LxWxH cm / kg
		1V/Cell	0V/Cell	Peak Battery						ON/OFF	Memory	Fuse	Fuse		
STARTPACK TRUCK / TRUCK MOBILE	2x 22Ah	12V	750 A	1450 A	3200 A	•	110-240V	—	12V/2A DC	•	•	12V DC	—	1x300 A	37 x 20 x 46 / 39 x 22 x 50 / 18
		24V	650 A	1300 A	1600 A	•	220-240V	—	—	•	•	12V DC	—	—	37 x 20 x 57 / 39 x 24 x 60 / 21
STARTPACK 12.24 CI	2x 16Ah	12V	900 A	1700 A	3600 A	—	220-240V	4A	—	•	•	—	—	1x300 A	26 x 20 x 48 / 34 x 20 x 51 / 19
		24V	700 A	1350 A	1800 A	—	220-240V	4A	—	•	•	—	—	—	14 x 35 x 56 / 63 x 39 x 30 / 34
STARTPACK PRO 12.24 CI	2x 30Ah	12V	1300 A	2400 A	6200 A	—	220-240V	4A	—	•	•	—	—	—	—
		24V	1200 A	2250 A	3100 A	—	220-240V	4A	—	•	•	—	—	—	—



EnerSys
TPPL TECHNOLOGY
Thin Plate Pure Lead
PREMIUM QUALITY BATTERIES

12/24 V **16Ah + 16Ah** INSIDE OCCASIONAL **PRO INTENSIVE**

STARTPACK 12.24 CI

12V	3600 A	900 A 1V/Cell	24V ★	1 800 A	700 A 1V/Cell
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1.8 m - 35 mm² 600 A 024991
068155

STARTPACK PRO 12.24 CI

12V	6200 A	1300 A 1V/Cell	24V ★★★	3100 A	1200 A 1V/Cell
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2 m - 50 mm² 600 A 028920
068162

INCLUDED STARTPACK 12.24 & PRO 12.24

Fuse x2
200 A 054547
300 A 054561



INTEGRATED CHARGER
7 STEP



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	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	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			
STARTPACK TRUCK	•														•														•													
STARTPACK TRUCK MOBILE	•														•														•													
STARTPACK 12.24 CI	•														•														•													
STARTPACK PRO 12.24 CI	•														•														•													





STARTPACK

BOOSTERS Pb/LEAD

INSIDE



SMART STARTER MANAGEMENT SYSTEM

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



12/24 V **50Ah SPIRAL** + **50Ah SPIRAL** INSIDE

HOBBIES OCCASIONAL **PRO +++ INTENSIVE**

STARTPACK PRO 12.24 XL

12V	8 500 A	1600 A 1V/Cell	24V ★★★★	4 250 A	1400 A 1V/Cell
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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

ENERGY STATION

Integrated charger

Autonomous booster

Start 12V engines with 2 x 12V batteries

Charge external batteries 12V only

Recommended ENERGY STATION FP : 2 x 120 · 170Ah

Batteries not provided - Batteries non fournies - Ohne Batterie geliefert

Add additional power with a 3rd battery

Parallel connection not included
Connexion parallèle non incluse
Parallelschaltung nicht enthalten



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

12/24 V HOBBIES OCCASIONAL **PRO INTENSIVE +++**

ENERGY STATION FP
069589

INTEGRATED CHARGER **6 STEP**

Model	Inside	START			CHARGE		CHARGER	Protection			LxWxH cm	LxWxH cm / kg
		1V/Cell	0 V/Cell	Peak Battery	min	max		ON/OFF	Fuse			
STARTPACK PRO 12.24 XL	2x 50 Ah	12 V	1 600 A	3 000 A	8 500 A	4 250 A	6 A outside	automatic	300 A	2 m ø 70 mm ²	106 x 32 x 35	112 x 35 x 43 / 68
ENERGY STATION FP		according to battery / selon batteries / je nach Batterie (Pb only)			12/24 V	100 > 375 Ah (x2)	30 A inside	manual	300 A	2,5 m ø 50 mm ²	70 x 65 x 91	80 x 53 x 28 / 29

RECOMMENDATION

Model	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
STARTPACK PRO 12.24 XL	•	•													
ENERGY STATION FP	-	-													



BOOSTERS LITHIUM INSIDE

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



12V

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



PRO
★★★

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

- ▶ START ENGINE
- + POWER BANK
- + LIGHT



PRO
★★★

12 / 24 V

NOMAD POWER PRO TRUCK 600 A

0,55 m - 13,3 mm² → AWG6
027527
028845

ACCESSORIES
included for NOMAD POWER 500



PRO XL
★★★★



12 V

NOMAD POWER PRO 12 XL 1000 A

0,8 m - 21 mm² → AWG4
025912



24 V

NOMAD POWER PRO 24 XL 1400 A

0,8 m - 21 mm² → AWG4
025905



ACCESSORIES
included for

NOMAD POWER PRO 12 XL
NOMAD POWER PRO 24 XL



MADE IN CHINA

	LITHIUM		START			J (3s)	START PETROL & DIESEL	CABLE	ADDITIONAL SAFETY	INPUT	MICRO USB	OUTPUT	POWER BANK			cm	kg
	CAPACITY/CELL	TYPE	FULL CHARGE	1V/Cell	0V/Cell								Peak Battery	PHONE	TABLET		
NP 300	2.5 Ah - 37 Wh	LiCoO2	5 h	350 A	700 A	900 A	8000 J	12V 5V-2.1A	•	5V/2 A	—	5V/9V/12V - 5V/2 A	•	2	—	14.6 × 7.8 × 3.1	0.365
NP 400	3 Ah - 45 Wh	LiCoO2	5 h	500 A	1000 A	1200 A	11000 J	12V 5V-2.1A	•	5V/2 A	—	5V/9V/12V - 5V/2 A - 15V/5A	•	2	—	17.5 × 8.4 × 3.1	0.498
NP 500	5.25 Ah - 77.7 Wh	NMC	6 h	550 A	1300 A	1500 A	12000 J	12V 5V-2A	•	5V/2 A 9V/2 A	—	5V/1A - 5V/2.1 A	•	2	—	22.5 × 9.1 × 3.4	0.610
NP PRO 700	6 Ah - 92.5 Wh	NMC	9 h	600 A	1500 A	2000 A	14000 J	—	•	9V/2 A 12V/1.5 A	5V/2 A (Type C)	5V/2.4 A - 9V/2 A 12V/1.5 A - 15V/10 A	•	2	—	22.8 × 10 × 3.8	0.82
NP PRO TRUCK	5.3 Ah - 137 Wh	NMC	10 h	600 A	1500 A	2000 A	12V : 14000 J 24V : 35000 J	12V/24V	•	9V/2 A 12V/1.5 A	5V/2 A (Type C)	5V/1 A - 5V/2.1 A - 12V/10 A	•	2	•	24.8 × 24.8 × 9.6	2.4
NP PRO 12XL	8 Ah - 118.4 Wh	NMC	5 h	1000 A	1800 A	3000 A	22000 J	12V/15 A 4 A	—	18V/2 A	—	5V/2.1 A - 12V/3.5 A 12V/10 A - 19V/3.5 A	•	2	•	27.4 × 27.8 × 11	5.6
NP PRO 24XL	8 Ah - 236.8 Wh	NMC	10 h	1400 A	2400 A	3000 A	60000 J	12V/15 A 4 A	—	18V/2 A	—	5V/2.1 A - 12V/3.5 A 12V/10 A - 19V/3.5 A	•	2	•	27.4 × 27.8 × 11	5.6

Recommendation	Motorcycle	Car	Van	Truck	Bus	Tractor	Excavator	Generator	Other
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)

MEMORY SAVER

SAUVEGARDE MÉMOIRE • SICHTUNG DES SPEICHERS

Traditional Pb battery **INSIDE**

GYSPACK OBD
054998
055001



INSIDE Pb 12V - 7 Ah	MEMORY SAVER OBD < 4 A < 4 A	25 × 18 × 25 cm	3 kg
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Lithium battery **INSIDE**

NOMAD OBD MEMORY SAVER **NEW** 10 2024
085480



Ultra light & Compact

FULL PROTECTION



2 possibilities



INSIDE Li-ion 12VCC - 2 Ah	MEMORY SAVER OBD < 4 A < 4 A	14.5 × 7.2 × 3.5 cm	515 g
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Connected to booster

CABLE OBD
- Câble OBD - Kabel für OBD
054202



BATTERY TESTERS POWER INVERTERS PORTABLE ENERGY

TRADITIONAL TESTERS	68
CONNECTED TESTERS	68
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TESTERS TRADITIONAL



TBP 100
6/12 V 20 > 100 Ah
055131

TBP 500
12 V 10 > 160 Ah
055148

TESTERS CONNECTED



BTW 6V/12V
6/12 V 7 > 240 Ah
077355

TESTERS DIGITAL



BT 001
12 V 7 > 230 Ah
056640



NBT 100
12 V 20 > 150 Ah
024151

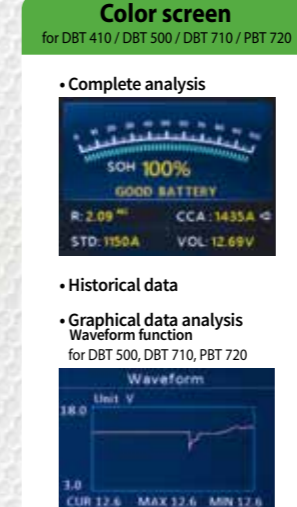
NBT 200
12 V 20 > 150 Ah
024168



DBT 300
12 V 4 > 150 Ah
024175



DBT 350
12 V 7 > 240 Ah
025868



DBT 410
6/12 V 7 > 240 Ah
083233



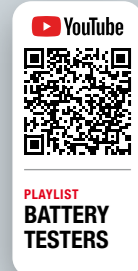
DBT 500
6/12 V 7 > 240 Ah
079823



DBT 410
6/12 V 7 > 240 Ah
083233



DBT 710
6/12 V 7 > 240 Ah
083585



	BATTERY A	BATTERY V	TEST		CHARGE & START SYSTEM VEHICLE	PRINT PAPER	DIGITAL	RESULT	TEMPERATURE COMPENSATION	kg	cm	L x W x H cm / kg	
			START STOP	ALTERNATOR 12V									
TBP 100	6-12V	20 > 100 Ah	•	•	12V	—	—	5/10s	15 min	—	1.5	16x1.8x30	30.7x17.2x10.3 / 1.5
TBP 500	12V	10 > 160 Ah	•	•	12V	—	—	15s	15 min	—	3.75	27x26x13	31x28.6x18.2 / 3.8
BTW 6V/12V	6-12V	7 > 240 Ah	—	min 4.5V	12V	—	—	1s	instant	•	0.11	11x3x2	7.5x4.5x16.4 / 0.16
BT 001	12V	7 > 230 Ah	—	•	12V	—	LED	1s	instant	—	0.29	3x12x1.5	24.2x11.8x2.4 / 0.29
NBT 100	12V	20 > 150 Ah	•	min 7V	—	—	•	1s	instant	—	0.25	7x1.5x12	5x18x25.8 / 0.3
NBT 200	12V	20 > 150 Ah	•	min 7V	12V	—	•	1s	instant	—	0.25	7x1.5x12	5x18x25.8 / 0.3
DBT 300	12V	4 > 150 Ah	•	min 4.5V	12V	—	back-lit / rétro-éclairé	1s	instant	—	0.25	12x7.9x22.7	5x18x25.8 / 0.3
DBT 350	12V	7 > 240 Ah	•	min 8V	12V	—	back-lit / rétro-éclairé	1s	instant	•	0.8	9.6x3x13.8	6.5x10.5x21 / 0.35
DBT 410	6-12V	7 > 240 Ah	•	min 5V	6/12V	—	color screen 2.4"	1s	instant	•	0.24	8x1.8x13.4	4.2x8.5x15
DBT 500	6-12V	7 > 240 Ah	•	min 5V	6/12V	—	color screen 2.4"	1s	instant	•	0.3	8x2x14	5x18.5x18.5 / 0.44
DBT 710	6-12V	7 > 240 Ah	•	min 3V	12/24V	—	color screen 3.2"	1s	instant	•	0.9	10x3.5x20.5	10x18.4x25.3

i Recommendation	TEST		LIQUID	START/STOP ENGINE	EFB	AGM VRLA/GEL	Truck	Truck	Truck	Truck	CURRENT CCA SAE
	Battery/Batteries / Ladegeräte	Alternator Circuit / Circuit alternateur / Lichtmaschinen Schaltkreis									
TBP 100	12V	12V	•	—	—	—	—	—	—	—	20 > 100 Ah
TBP 500	12V	12V	•	—	—	—	—	—	—	—	10 > 160 Ah
BTW 6V/12V	6/12V	12V	•	•	•	•	•	•	•	•	7 > 240 Ah
BT 001	12V	12V	•	•	•	•	•	•	•	•	7 > 230 Ah
NBT 100	12V	—	•	—	—	—	—	—	—	—	20 > 150 Ah
NBT 200	12V	12V	•	—	—	—	—	—	—	—	20 > 150 Ah
DBT 300	12V	12V	•	—	•	•	•	•	•	•	4 > 150 Ah
DBT 350	12V	12-24V	•	•	•	•	•	•	•	•	7 > 240 Ah
DBT 410	6/12V	6-12V	•	•	•	•	•	•	•	•	7 > 240 Ah
DBT 500	6/12V	6-12V	•	•	•	•	•	•	•	•	7 > 240 Ah
DBT 710	6/12V	6-12-24V	•	•	•	•	•	•	•	•	7 > 240 Ah

Languages - Sprachen

	GB	FR	DE	IT	ES	PT	CZ	NL	PL	RU	TR	JP	KR
DBT 300	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
DBT 350	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
DBT 410	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
DBT 500	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
DBT 710	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PBT 600	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PBT 700	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PBT 720	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PBT 812	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PBT 824	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
BTW 6V/12V	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓



TESTERS TESTERS WITH PRINTERS



x6 Languages Sprachen



x5 Languages Sprachen



x10 Languages Sprachen



x12 Languages Sprachen



NEW 08 2024

x10 Languages Sprachen



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

p.32

LCD screen

- Complete analysis
- Battery-management software

x10 Languages Sprachen



Approvals Homologations Zulassungen

0.65 m

1.2 m

1.2 m

2.6 m

1.8 m

1.8 m

PRINTER • 12 V

PBT 550

12 V 30 > 220 Ah

START STOP ALTERNATOR 12 V

024199



x2 (included) 056633

PBT 600

12 V 30 > 220 Ah

START STOP ALTERNATOR 12/24 V

024205



x2 (included) 056633

PBT 700

12 V 7 > 240 Ah

START STOP ALTERNATOR 12/24 V

024229



x1 (included) 056237

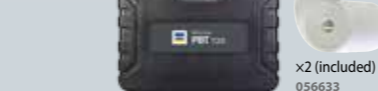
PRINTER • 6/12 V

PBT 720

6/12 V 7 > 240 Ah

START STOP ALTERNATOR 6/12/24 V

083240



x2 (included) 056633

PBT 812

6/12 V 7 > 240 Ah

START STOP ALTERNATOR 12 V

076686



x1 (included) 056237

PBT 824

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

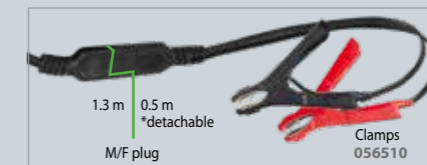
START STOP ALTERNATOR 12/24 V

025738



x1 (included) 056237

Part No.	Qty	W	H	D	Compatible with
056220	x2	37 mm	7.5 mm	25 mm	BT 301 / BT 501 / BT 551
056237	x1	57 mm	28 mm	50 mm	RT 777 / PBT 700 / PBT 812 / PBT 824
056633	x2	57 mm	7.5 mm	25 mm	PBT 550 / PBT 600 / PBT 700 / PBT 720 / PBT 812 / PBT 824 / SPM



Included for PBT 812 / PBT 824

4 wire connector = more precision
connecteur 4 fils = plus de précision

1.3 m 0.5 m *detachable M/F plug Clamps 056510

MADE IN CHINA

MADE IN CHINA

Model	Voltage	Capacity	TEST		PRINT PAPER	DIGITAL	RESULT	TEMPERATURE COMPENSATION	Weight	Dimensions	L x W x H cm / kg
			A	V							
PBT 550	12V	30 > 220 Ah	min 6V	12V	•	back-lit/rétro-éclairé	1s instant	•	0.55	55 x 25	29 x 23 x 9 / 0.9
PBT 600	12V	30 > 220 Ah	min 8V	12/24V	•	back-lit/rétro-éclairé	1s instant	•	1.1	55 x 25	29 x 23 x 9.5 / 1.3
PBT 700	12V	7 > 240 Ah	min 8V	12/24V	•	back-lit/rétro-éclairé	1s instant	•	0.7	23.5 x 10.2 x 6.8	40.5 x 28 x 9 / 1.9
PBT 720	6-12V	7 > 240 Ah	min 3V	6/12/24V	•	colour screen 3.2"	1s instant	•	0.9	26 x 10.5 x 5	27.2 x 36.4 x 9.3 / 2
PBT 812	6-12V	7 > 240 Ah	min 1.5V	12V	•	colour TFT display 2.8"	1s instant	•	0.7	28 x 14 x 7.5	34 x 47 x 11.5 / 3.1
PBT 824	6-12-24 (2x12)V	7 > 240 Ah	min 1.5V	12/24V	•	back-lit 4 colours / rétro-éclairé	1s instant	•	0.7	25 x 4.5 x 13	40 x 28 x 9 / 2.3



Recommendation

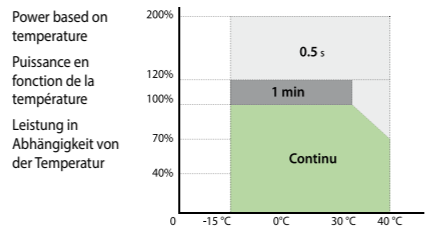
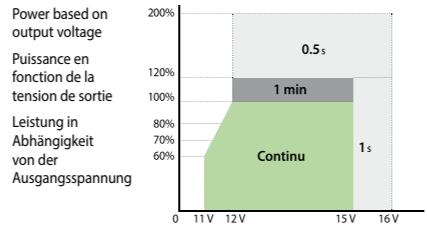
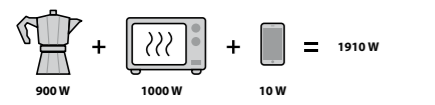
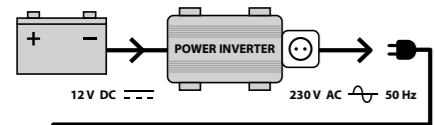
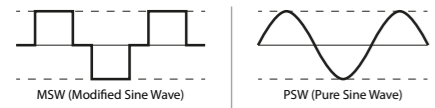
Model	TEST		PRINT PAPER	LIQUID	START /STOP ENGINE	EFB	AGM VRLA/GEL	Truck	Van	Car	Motorcycle	Current CCA SAE
	Battery/Batteries/Ladegeräte	Alternator Circuit/Circuit alternateur/Lichtmaschinenkreis										
PBT 550	12V	Truck	12V	•	•	•	•					30 > 220 Ah
PBT 600	12V	Truck	12-24V	•	•	•	•					100 > 2000 A
PBT 700	12V	Truck	12-24V	•	•	•	•	7 > 240 Ah				40 > 2000 A
PBT 720	6V 12V	Truck	6-12-24V	•	•	•	•					7 > 240 Ah
PBT 812	6V 12V	Truck	12V	•	•	•	•					25 > 3000 A
PBT 824	6V 12V 24V (2X12)	Truck	12-24V	•	•	•	•					7 > 240 Ah

POWER INVERTERS

12/24 V DC > 230 V AC



MSW / PSW TECHNOLOGY

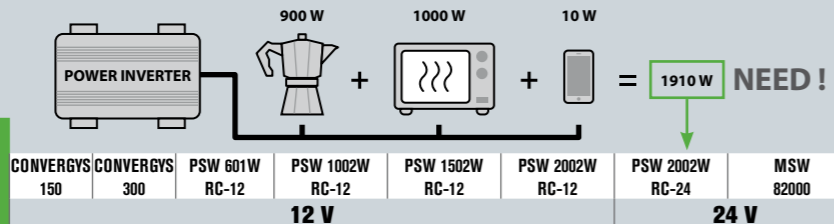


PSW REMOTE CONTROL



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	70 Ah	200 Ah
HOME APPLIANCE - ÉLECTROMÉNAGER										
Microwave - Micro-Ondes - Mikrowelle								700 - 1000 W	30 - 50 min	1 h 30 - 2 h
Toaster - Grille Pain								800 - 1500 W	20 - 40 min	1 h - 2 h
Fridge - Réfrigérateur - Kühlschrank (40 L)								45 W	12 h	35 h
Kettle - Bouilloire - Wasserkocher								700 - 2500 W	15 - 45 min	35 min - 2 h
Espresso coffee maker - Cafetière espresso - Espresso-Maschine								1000 - 1600 W	20 - 30 min	1 h - 1 h 30
Drip coffee maker - Cafetière filtre - Filterkaffee-Maschine								800 - 1200 W	25 - 40 min	1 h 30 - 2 h
ELECTRONIC - ÉLECTRONIQUE										
Mobile phone - Téléphone - Telefon								5 - 10 W	55 - 110 h	155 - 310 h
Laptop - Ordinateur portable								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
Video game console - Console de jeux vidéo - Konsole für Videospiele								39 - 100 W	5 - 13 h	16 - 39 h
Camera - Appareil photo - Fotoapparat								4 - 19 W	25 - 135 h	78 - 390 h
COMFORT - CONFORT										
Light - Eclairage - Beleuchtung								100 W	5 h 30	16 h
Electrical heater - Chauffage électrique - Elektrische Heizung								1800 - 2500 W	12 - 20 min	35 - 45 min
Fan - Ventilateur - Lüfter								50 W	11 h	31 h
Hairdryer - Séche cheveux - Fön								1000 - 2000 W	15 - 30 min	45 min - 1h 30
SAILING - NAUTISME										
Navigation lights - Feux de navigation - Navigationslichter								24 W	30 h	80 h
Radar								24 W	30 h	80 h
Autopilot mode - Pilote automatique								60 W	9 h	30 h
GPS/Sat nav. - GPS								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 150W	Universal	Remote	Weight	Height	L x W x H cm / kg
CONVERGYS 150	150W	300W	—	90,5 %	12V	230V	5V · 2 A	•	•	—	0,5 kg	N/A	8 × 16,5 × 24,7 / 0,45
CONVERGYS 300	300W	600W	—	85 %	12V	230V	5V · 2 A	•	•	—	0,95 kg	N/A	21,3 × 20 × 6,8 / 0,95
PSW 601W RC-12	600W	1200W	•	90 %	12V	230V	5V · 2 A	—	•	•	2,2 kg	26,5 × 17 × 7,5	31 × 22 × 12 / 2,3
PSW 1002W RC-12	1000W	2000W	•	90 %	12V	230V	5V · 2 A	—	•	•	4,7 kg	37,5 × 21 × 10	44 × 27 × 16 / 4,5
PSW 1502W RC-12	1500W	3000W	•	90 %	12V	230V	5V · 2 A	—	•	•	5 kg	37,5 × 21 × 10	44 × 27 × 16 / 4,6
PSW 2002W RC-12	2000W	4000W	•	90 %	12V	230V	5V · 2 A	—	•	•	6,25 kg	38,5 × 25 × 10	43 × 32 × 16,5 / 5,7
MSW 82000	2000W	4000W	—	80 %	24V	230V	5V · 2 A	—	•	•	5,8 kg	35 × 20 × 28	45,3 × 26,8 × 16,1 / 4,9
PSW 2002W RC-24	2000W	4000W	•	90 %	24V	230V	5V · 2 A	—	•	•	6,25 kg	38,5 × 25 × 10	43 × 32 × 16,5 / 5,7

12 V CONVERGYS



12 V PSW PURE SINE WAVE



24 V MSW MODIFIED SINE WAVE



24 V PSW PURE SINE WAVE



INCLUDED FOR ALL

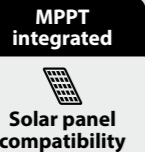


PORTABLE ENERGY

DC/AC



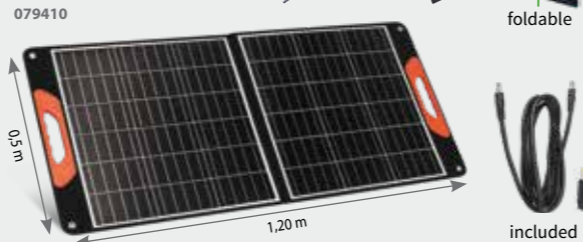
Short-circuit protection,
Over-current protection,
Over-voltage protection,
Under-voltage protection,
Over-load protection,
Temperature protection



Solar panel compatibility

OPTIONS

Solar panel for Power pack 520, 1300, 14.22, Energys DC/DC
monocrystalline - ETFE quality
18V - 100 W max
OUTPUT
USB 1 : 5V/3A
USB 2 : 5V/3A ; 9V/2A ; 12V/1.5A
Type C : 5V/3A ; 9V/2A ; 12V/1.5A
Jack : 18V/5.6A max



079410

foldable

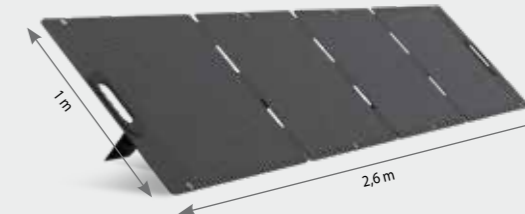
included

USAGE DURATION	50 W	100 W	250 W	500 W	1000 W	1500 W	2200 W
POWER PACK 520	8 h	4 h	1 h 40	50 min	—	—	—
POWER PACK 1300	20 h	10 h	4 h	2h	1 h	—	—
POWER PACK 14.22	22 h	11 h	4 h 30	2 h 15	1 h 05	45 min	30 min
POWER PACK 14.15 FC	22 h	11 h	4 h 30	2 h 15	1 h 05	45 min	—

OPTIONS

Solar panel for Power pack 14.15 FC
079403
monocrystalline - ETFE quality
48V - 220 W max
OUTPUT : MC4

NEW 12 2024



Power batt 14 External battery

for Power pack 14.15 FC
085213
1408 Wh - LiFePO4
↓ 42 x 30 x 25.5 cm / ▲ 12.8 kg

NEW 12 2024



1408 Wh + 1408 Wh = 2816 Wh
Using time (x2)

included

3 MODES
Light / S.O.S. / Flash



5 MODES
Light (Low, Medium, High) / S.O.S. / Flash



5 MODES
Light (Low, Medium, High) / S.O.S. / Flash



NEW 10 2024

NEW 10 2024

FAST CHARGE
100% in 60min



POWER PACK 520
518 Wh 20 Ah

027961

POWER PACK 1300
1280 Wh 50 Ah

071988

POWER PACK 14.22
1408 Wh 55 Ah

085206

POWER PACK 14.15 FC
1408 Wh 55 Ah

085169



	LITHIUM		BOOSTER		Nb cycles	INPUT	RECHARGING TIME		OUTPUT					kg	cm	L x W x H cm / kg			
	CAPACITY	TYPE	12V Petrol & Diesel	1v/Cell Peak battery			MAINS 0-100 %	SOLAR PANEL 0-100 % (depending on weather conditions)	POWER OUT	230 V / 50 Hz	TYPE C	Quick Charge	Dual				12V/10A	SOLAR PANEL	EXTERNAL BATTERY
POWER PACK 520	518 Wh	LiPo	—	—	1000	Pure Sine Wave	12-30V 80W max	8 h 30	8 h 30 - 11 h 30	500 W	Type C / E / F / G / I	(x1) 5V/3A - 9V/3A - 12V/3A 15V/3A - 20V/2.25A	(x1) 3.0 5V/3A 9V/2A - 12V/1.5A	(x2) 5V/3.1A - Single : 2.4A Max	x2	x1	•	—	1 x LED
POWER PACK 1300	1280 Wh	LFP	•	500 A 1000 A	2000	Pure Sine Wave	12-30V 200W max	7 h	12 h - 14 h	1000 W	Type C / E / F (euro plug)	(x2) 5V/3A - 9V/3A - 12V/3A 15V/3A 20V/2.25A	(x1) 3.0 5V/3A 9V/2A - 12V/1.5A	(x3) 5V/3.1A - Single : 2.4A Max	x2	x1	•	—	1 x LED
POWER PACK 14.22	1408 Wh	LFP	•	500 A 1000 A	2000	Pure Sine Wave	12-30V 200W max	8 h	13 h - 15 h	2200 W	Type C / E / F (euro plug)	(x2) 5V/3A - 9V/3A - 12V/3A 15V/3A 20V/2.25A	(x1) 3.0 5V/3A 9V/2A - 12V/1.5A	(x3) 5V/3.1A - Single : 2.4A Max	x2	x1	•	—	1 x LED
POWER PACK 14.15 FC	1408 Wh	LFP	•	500 A 1000 A	2000	Pure Sine Wave	30-60V 400W max	1 h	6 h - 8 h	1500 W	Type C / E / F (euro plug)	(x2) 5V/3A - 9V/3A - 12V/3A 15V/3A 20V/2.25A	(x1) 3.0 5V/3A 9V/2A - 12V/1.5A	(x3) 5V/3.1A - Single : 2.4A Max	x2	x1	•	•	1 x LED

RECOMMENDATION	Game	Phone	Camera	Laptop	TV	Tablet	Refrigerator	Drill	Saw	Blender	Mixer	Light	Other	Other	Other	Other
POWER PACK 520	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
POWER PACK 1300	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
POWER PACK 14.22	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
POWER PACK 14.15 FC	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•



JUMPER CABLES EV CABLES ACCESSORIES

JUMPER CABLES	78
EV CHARGING	79
ACCESSORIES	80
BATTERY LIFT	81

JUMPER CABLES

320 A > 1000 A

056206					
564015					
056404					
056602					
056190					
056312					
056329					
056336					
027695					
056343					
056558					
056541					
056619					

BOOSTER CABLES - Câbles de démarrage - Starterkabel - Cables de arranque - Cavi di avviamento



TEST VOLT
LED

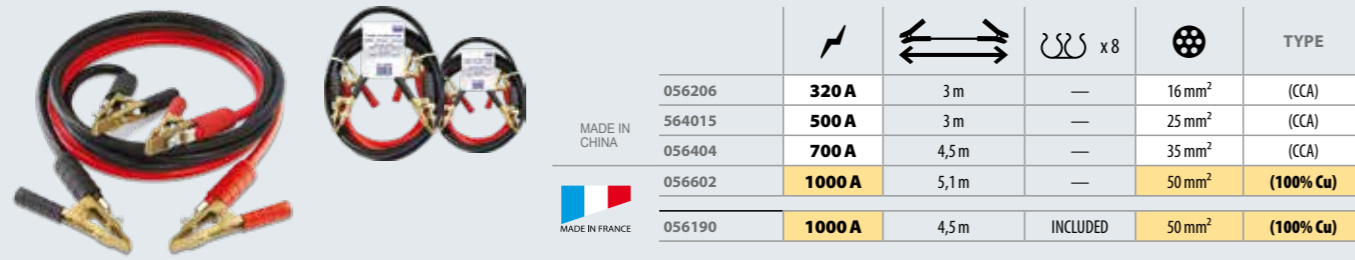
DIN 72553

	ESSENCE BENZINE PETROL	DIESEL	Length	CCA	TYPE
027695	5,5l	3l	3,5m	25 mm ²	≈ Ø Cu

TYPE	Ø	%I
CCA		
≈ Cu		
100% Cu		

PRO BRASS CLAMPS

BRASS CLAMPS, NON-INSULATED - Pincas laiton, non isolatees - Messingklemmen, nicht isoliert - Pinzas de latón, no aisladas - Morsetti in ottone non isolate

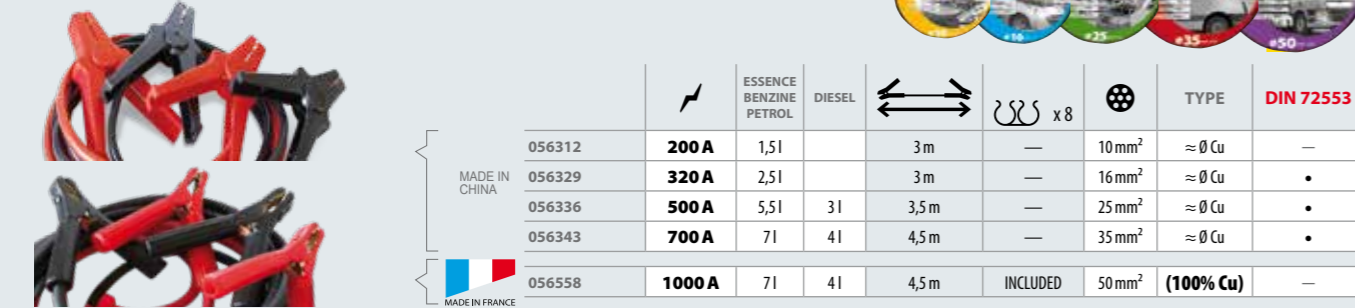


MADE IN CHINA

	Length	CCA	TYPE
056206	3m	320 A	(CCA)
564015	3m	500 A	(CCA)
056404	4,5m	700 A	(CCA)
056602	5,1m	1000 A	(100% Cu)
056190	4,5m	1000 A	(100% Cu)

PRO INSULATED CLAMPS

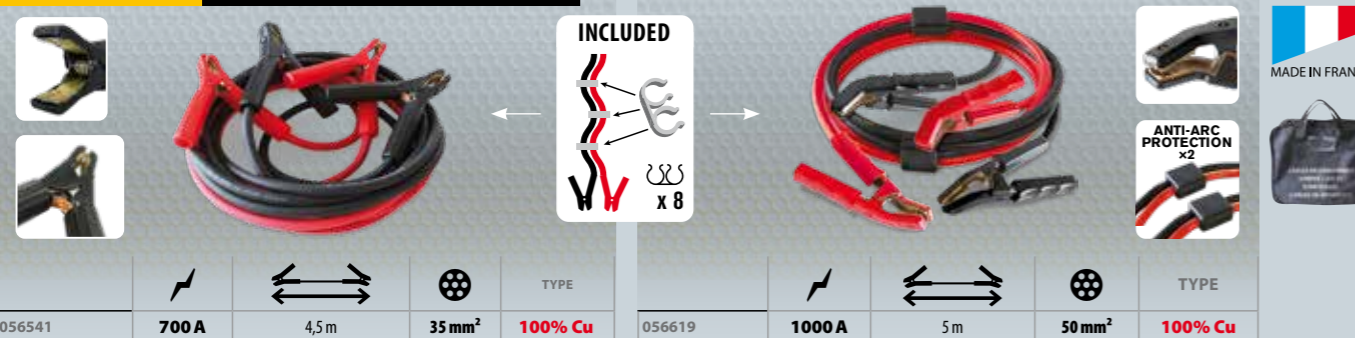
INSULATED CLAMPS - Pincas isolatees - Isolierte klemmen - Pinzas aisladas - Morsetti isolate



MADE IN CHINA

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

SUPER PRO INSULATED CLAMPS



MADE IN FRANCE

ANTI-ARC PROTECTION x2

	Length	CCA	TYPE
056541	4,5m	700 A	100% Cu
056619	5m	1000 A	100% Cu

EV CHARGING

Rechargement EV • Laden für Elektrofahrzeuge
• Carga de EV • Ricarica per veicoli elettrici

6 A > 32 A

Power	6 A	8 A	10 A	13 A	16 A	20 A	32 A
230V	1.4 kW	1.8 kW	2.3 kW	2.9 kW	3.7 kW	4.6 kW	7.4 kW
400V	4.1 kW	5.5 kW	6.9 kW	8.9 kW	11 kW	14 kW	22 kW

INCLUDED

	075320	080676
16 A / 1 ph	✓	—
13 A / 1 ph	—	✓
32 A / 3 ph	✓	✓
16 A / 1 ph	—	✓

+ more output options...

available on request



SUPER PRO SMART EV CHARGE

6 → 32A 1 ph / 3 ph

TIMER FUNCTION
Delay start 1h → 24h

075320
080676



EV CHARGING - PORTABLE

10/16 A 1 ph

028975



EV CHARGING - STANDARD CABLES

32 A 1 ph

079687



EV CHARGING - SPIRAL CABLE

32 A 1 ph

028982

	IP	U ₁	I ₁	P			Length	
SUPER PRO SMART EV CHARGE	65	1 ph 3 ph + N	6/8/10/13/ 16/20/32 A	1,4 → 22kW	•	—		Type 2
EV CHARGING PORTABLE	66	1 ph	10 / 16 A	2,3 / 3,7kW	•	—		Type 2
EV CHARGING SPIRAL CABLE	66	1 ph	32 A	7,4 kW	—	•	5m	Type 2
EV CHARGING STANDARD CABLES	55	1 ph	32 A	7,4 kW	—	•		Type 2
	55	3 ph	32 A	22 kW	—	•		

OPTION

• 21 × 43 ×
57 cm
060432



ACCESSORIES



Current clamp
- Pince
ampèremétrique
- Strommesszange
400 A
053991
600 A
053984

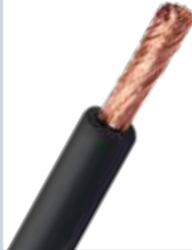
CABLES EN 60245-6/H01N2-D (Rubber - Caoutchouc)

EN 60974-9



⊘	↔ L	A (60%)	A (35%)	
16 mm ²	100 m	046252	121	131
	⊗ x m	046207		
	5 m	045408		
25 mm ²	100 m	046603	165	185
	⊗ x m	046306		
	5 m	046702		
35 mm ²	100 m	046405	211	243
	⊗ x m	046801		
	5 m	046757	275	323
70 mm ²	100 m	046832	351	419
	⊗ x m	046863		
	5 m	046863	433	527

HIGH FLEXIBILITY ELECTRICAL CABLES



⊘	↔ L	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
	20 m	054967	054950	273	320
70 mm ²	100 m	054967	054950	273	320
	50 m	—	056565	310	380

CLAMPS - Pinces - Klemmen - Pinzas - 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	16 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
	●● (x2) 053106	● 055537	●● (x2) 071896 071889	●● (x2) 053502 053403	●● (x2) 053700 053601	●● (x2) 053779 053786	●● (x2) 055551 055544	●● (x2) 025783 025776	●● (x2) 053816 053793	●● (x2) 025769 025752	●● (x2) 038059	●● (x2) 038066

BATTERY TERMINAL - Cosses batterie - Polklemmen - Terminales batería - 电池端子

⊘ 10 mm / 35 mm ²	⊘ 13 mm / 50 mm ²	⊘ 16 mm / 70 mm ²
⊕ ⊖ 054400	⊕ ⊖ x25 054431 x25 054332	⊕ ⊖ x25 054417 x25 054356 x25 054370
	⊕ ⊖ x25 054448 x25 054349	⊕ ⊖ x25 054424 x25 054363 x25 054387

CABLE LUGS - Cosses - Terminal Kabelschuhe - Kabelschuhe

16 mm ² M10 ×10 038219	75 mm ² M16 ×10 038257	25 mm ² M5 ×100 047525	10 mm ² M16 ×100 047501
25 mm ² M10 ×10 038226			16 mm ² M15 ×100 047518
35 mm ² M14 ×10 038233			70 mm ² M10 ×100 047556
50 mm ² M14 ×10 038240			95 mm ² M10 ×50 047570

DINSE CONNECTORS - Connecteurs Texas - Stecker - Conectores

	I A max	⊘ mm ²	⊘ mm	⊘ mm	Compatibility	Ref.
	200	10/25	14	9	CM 25.14, CF 25.14	x1 045507
	300	35/50	21	13	CM 50.21, CF 50.21	x1 045606
	400	50/70	21	13	CM 70.21	x1 047488
	200	10/25	14	9	CF 25.14	x20 045668
	300	35/50	21	13	CF 50.21	x10 045613
	400	50/70	21	13	CF 70.21	x5 045750
	500	70/95	24	13	CF 95.24	x5 047495
	200	10/25	14	9	CM 25.14	x30 045651
	300	35/50	21	13	CM 50.21	x10 045620
	400	50/70	24	13	CM 70.21	x5 045736
	500	70/95	24	13	CM 95.24	x5 072374

BATTERY TERMINAL CLEANING BRUSH



QUICK CONNECTORS



FUSES - Fusibles - Sicherungen - Fusibles - 保险丝

	x5	⊘ 10 mm	x2	x2	x2	x2	x2
6.3A 054578	10A 056527	10A 054530 15A 054493 20A 054509 25A 054516 30A 054523 40A 054554	100A 054486	100A 054394	150A 027930	200A 054547 250A 055568 300A 054561	M5 40A 054646 50A 054622 80A 054653 125A 054585 150A 054639 M6 40A 071599

Anti-arc protection 041318



Adjustable battery carrier 058354



Acidimeter (PH Meter) 054103



SOLAR POWERED CHARGER WITH ACCESSORIES

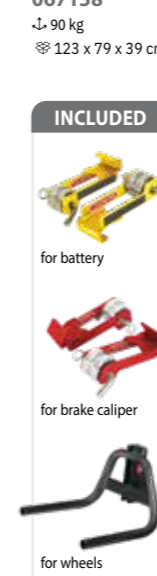


BATTERY LIFT

DIABLE JOBSITE XL 039568
↓ 18.3 kg ⊗ 66 x 47 x 20 cm / 19.5 kg



MULTITOOL TRUCK 067158
↓ 90 kg ⊗ 123 x 79 x 39 cm / 95 kg



HAND LAMPS - Lampes baladeuses - Handleuchte

TRIPOD HAND LAMP 250 L
100-250 lumens (x3)

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

059955

PORTABLE LAMP 400 L
400 lumens

COB LED
Li-ion
Charging time: 8h
operating time
High position: 2.5 h
Low position: 5 h
Top light (1 W): 6 h

059153

PORTABLE LAMP PRO 600 L
250-600 lumens

COB LED, 80 CRI
3.7 V - 2200 mAh Li-ion
micro USB charging (3.5 h)
operating time
High position: 1.5 h
Low position: 4.5h
Top light (100 lumens): 10 h

060883

UNDER BONNET LAMP - Lampe sous capot - Leuchte für Motorhaube

UNDER BONNET LAMP 600 L
500-1000 lumens

120 COB LED
3.7V - 4000 mAh Li-ion
charging time: 10/12 h
operating time
High position: 4 h
Low position: 8 h

059962

UNDER BONNET LAMP 800 L
250-800 lumens

120 COB LED
3.7V - 4000 mAh Li-ion
charging time: 10/12 h
operating time
High position: 3 h
Low position: 6 h

058002

360° AMBIANT LAMP - Lampe ambiance 360°

AMBIANCE LAMP 360° PORTABLE 1000 L
60 > 1000 lumens

>80 CRI SMD LED
6500 K
3.7V - 5200 mAh Li-ion
USB charging (4.5 h) / USB power supply
operating time 2 > 27 h

059764

INSPECTION LAMP - Lampe inspection - Inspektionslampen

INSPECTION LAMP PRO 600 L
0 > 600 lumens

6500 K
3.7 V - 2600 mAh Li-ion
operating time
1.5 > 15 h

057760

INSPECTION LAMP MINI 350 L
0-350 lumens

COB LED
3.7 V - 1100 mAh Li-ion
USB charging (3 h)
operating time
3 > 6.5 h

075894

INSPECTION LAMP PRO 800 L
120-800 lumens

COB LED
3.7 V - 2600 mAh Li-ion
USB charging (4 h)
operating time
2.5 > 9 h

075900

FRONTAL INSPECTION LAMP 280 L
100-280 lumens

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

060845

INSPECTION LAMP MINI 200 L
100-200 lumens

COB LED, 80 CRI, 6500 K
3.7V - 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

060852

WORKLIGHT WITH TRIPOD - Projecteur sur trépied - Arbeitsleuchte mit Standfuß

TRIPOD LAMP 1800 L
1800 lumens

3x 55 COB LED
total 165 LED
1.8 m power cord

059146

TRIPOD LAMP 3000 L
3000 lumens

35 W COB LED
2 m power cord
IP 44
4.1 kg
103 x 21.5 x 10 cm

059979

TRIPOD LAMP 4000 L
4000 lumens

3x 20 COB LED,
total 60 LED
3 m power cord

059986

AUTOMOTIVE BATTERIES

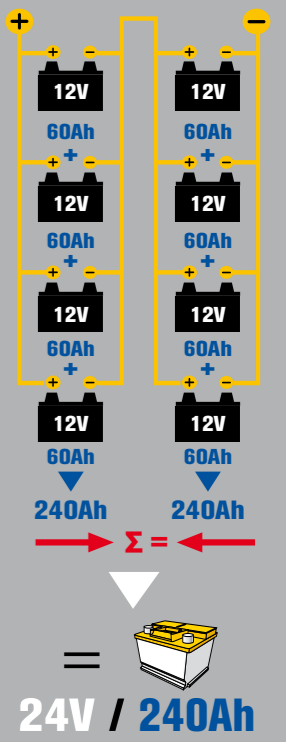
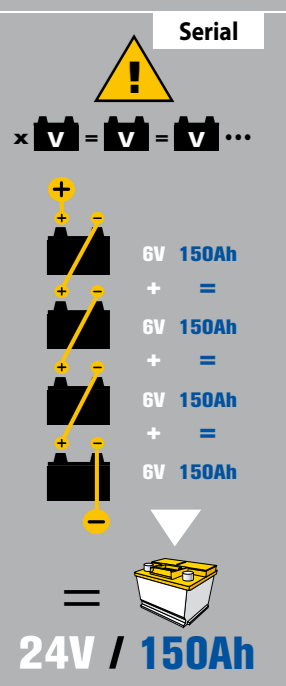
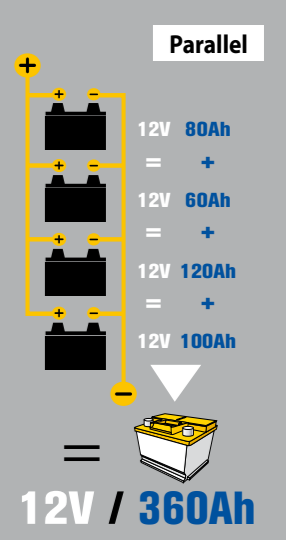
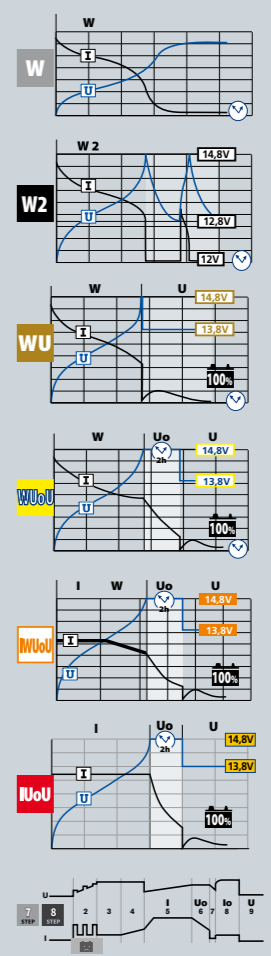
Batteries de démarrage - Starterbatterien - Baterías de arranque
- Automotive accu's - Baterias de Automóvel - Mnatopieć
огнутов - Тъкозове батерии - 汽车启动电池

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	✓	✓	✓	✓	✓	-	-	-
IWUoU	✓	✓	✓	✓	✓	✓	✓	-
I REGULATED I UoU FAST CHARGE	✓	✓	✓	✓	✓	-	✓	✓
7 STEP GYSFLASH Pb	✓	✓	✓	✓	✓	✓	✓	✓

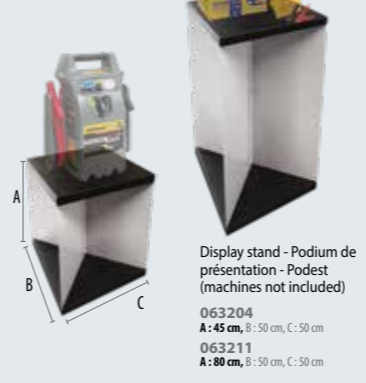
GYSFLASH Lithium

8 STEP Li-ion 8 STEP LiFePO₄ 9 STEP Li-ion 9 STEP LiFePO₄

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



MARKETING



Type	FA1	FA2	SB1
complete - complet - komplett	062429	062443	061149
without display stand - sans linéaire - ohne Regal (machines not included)	062436	062450	062412

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



INVEST IN THE FUTURE



French manufacturer
since 1964

2
0
2
5

BSU, Chargers, Boosters & Starters

Charge & entretien des batteries

Batterieservicegeräte-Katalog

Caricabatterie, Booster & Avviatore

Catálogo de Cargadores



GYS FRANCE

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E-mail aachen@gys.fr



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