



GYS BATTERY CHARGER GYSFLASH 100.12 HF INVERTER 12V

Reference: 029415

GYS GYSFLASH 100.12 12V Inverter Battery Charger

GYS GYSFLASH 100.12 is a professional 100 A inverter-based battery charger designed to charge and maintain 12 V lead-acid and LFP lithium batteries.

Thanks to its high power output and perfectly stabilized voltage, it is ideal for workshops, service centers, diagnostic operations, and automotive showrooms.

The device is compatible with batteries ranging from 5 to 1,200 Ah, including liquid lead-acid, AGM, GEL, and calcium batteries, as well as LFP lithium batteries.

Automatic charge management utilizes a 7-step curve for lead-acid batteries and an 8-step curve for lithium-iron-phosphate batteries, helping to preserve their lifespan and performance.

The GYSFLASH 100.12 offers five operating modes: Charging, Showroom, Diagnostic, Battery Change, and Power Supply. Showroom mode keeps the battery powered while the vehicle's electronic accessories are in use, while Diagnostic mode provides up to 100 A to support maintenance operations. Maintains vehicle power supply during battery replacement to prevent the loss of electronic memory settings.

Technical Specifications:

Model: GYSFLASH 100.12

Type: Battery charger / Battery Support Unit (BSU)

Battery voltage: 12 V

Technology: Inverter

Supply voltage: 220-240 V

Frequency: 50/60 Hz

Power consumption: 1,600 W

Maximum current: 100 A

Current at 25°C: 75 A at 100%

Current at 40°C: 66 A at 100%

Compatible battery capacity: 5–1,200 Ah

Compatible battery types: Lead-acid, gel, AGM, liquid electrolyte, calcium, and lithium LFP

Adjustable voltage in Power Supply mode: Yes

Adjustable current in Power Supply mode: Yes

Automatic recovery of discharged batteries: Yes (above 2 V)

Charging modes: Easy and Expert

Auto-restart function: Yes

Short-circuit protection: Yes

Reverse polarity protection: Yes

Overload protection: Yes

Anti-spark system: Yes

Replaceable fuse: Yes

Temperature sensor: Yes

Multilingual interface: 22 languages

Protection rating: IP21

Silent operation: Yes

Connection diameter: Ø M6

Cable cross-section: 16 mm²

Dimensions of the 5 m version: 320 x 105 x 292 mm

Dimensions (5 m version packaged): 41 x 39 x 22.5 cm

Weight of 5 m version (packaged): 8 kg

Net product weight: 4.7 kg

If, however, you are looking for a product similar to the GYSFLASH charger, we recommend viewing the full range of [battery chargers](#).

Technical Sheet

Frequency (Hz)	50 / 60
Protection degree	IP21
Power (W)	850
Product dimensions (mm)	320 x 105 x 292
Package dimensions (mm)	410 x 390 x 225
Current (A)	25 °C: 75 A at 100%

Battery voltage (V)	12
Inverter	Yes
Power consumption (W)	1600
Product type	Battery Charger
Weight (Kg)	4.7
battery capacity (Ah)	5-1.200