

12 V

LEAD/LITHIUM
BATTERY
CHARGER

GYSFLASH 158.12 CNT **FV**

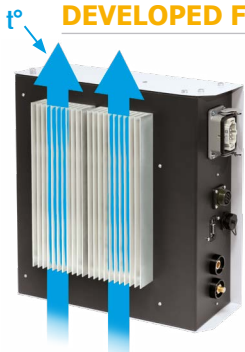
PN. 069909



The GYSFLASH 158.12 CNT FV is a very powerful, three-phase charger: boasting a 150 A max. current and a continuous 120 A current. Internet connected and controlled remotely, this charger is designed specifically to be fitted to an automotive production line. Designed to meet the IP54 rating requirement, the device's internal electronics cannot be damaged by dust or water ingress and it is fully equipped for industrial integration and automation.

DEVELOPED FOR MANUFACTURING-PROCESS INTEGRATION

- A **three-phase** charger fitted with **Flexible Voltage FV** technology operating on a supply voltage between 320 - 520 V.
- **Its IP54 design** makes it both waterproof and dustproof.
- **Natural convection cooling.**
- With two separate mode-types, it offers infinite configuration possibilities:
 - charging **modes**: for 12 V (and below) lead or lithium batteries (LFP) from 20 - 1,800 Ah.
 - power-supply **modes**: adjustable settings depending on the application between 2 - 16 V and from 0 - 150 A.



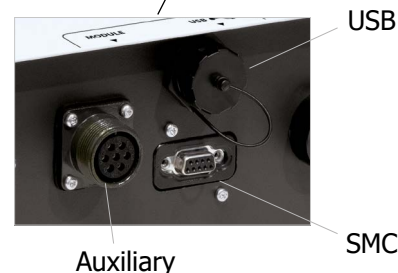
UP TO
150 A

INDUSTRIAL
CONNECTORS

A FULLY INTERNET-CONNECTED CHARGER DESIGNED EXPLICITLY FOR INDUSTRIAL INTEGRATION

The GYSFLASH 158.12 CNT is equipped with specialist connectors allowing it to be fully configured, customised and operated by the user.

- Featuring a **USB** connector for:
 - downloading software updates
 - importing predefined charging curves
 - adding, deleting or modifying charging modes and profiles in order to integrate them with a GYSFLASH charger
 - retrieving the history and charging data from a USB key and analysing it in a spreadsheet.
- With a **Smart Module Connector (SMC)** to connect additional **CNT modules** (printer, bar-code reader and indicator lights, etc.) to further expand the device's functionality.



- An **auxiliary** connector for remotely controlling the charger through a simple *user interface (dry contacts and on-off control inputs)*. Ideal for industrial automation and system integration.

AUTOMATIC CHARGING

- Specialised **eight-stage** (lead-acid battery) or **nine-stage** (lithium-iron phosphate battery) charging curve for autonomous use.

ADVANCED TECHNOLOGIES AND FEATURES

- It's **Auto-Detect** feature automatically starts charging when a battery is connected to the charger.
- The **Auto-Restart** feature saves the current user settings in the event of a power failure.
- **Check and calibrate the cables.**
- **The locking feature** prevents mishandling.
- The **UVP Wake-Up feature** allows a lithium battery to be reactivated with UVP protection.

ULTRA-SECURE

- **Preserves the vehicle's on-board electronics:** short circuit, reverse polarity and overload protection. Anti-spark system.
- **An interchangeable fuse** protects against operating errors.
- **The temperature sensor** prevents the internal electronics from overheating.

For further information + about configuring the GYSFLASH CNT

ACCESSORIES (optional extras)



Cable connections
> Clamps
027886 - (5 m, 25 mm²)

50/60 Hz	⚡	I _{charge}	V	Charging	Z _Z	Wave/Ripple	Charging curve	⬆️	40°C @100%	25°C @100%	kg	mm	START MINI	IP	🔌
320 - 520 V AC	2,500 W	150 A	12 V	20 < 1,800 Ah	<0.2 Ah/month	<150 mV Rms	I _{U₀} I _U	Eight stage (Pb) Nine stage (LiFePO ₄)	115A	120 A	10	376 x 145 x 380	Automatic > 1 V	IP54	175 A