

SWITCHING BATTERY CHARGER 2,5A - 5A

The switching battery charger is a device aimed to be used into electric control panels. It is particularly used for charging and maintaining the lead batteries which are necessary for starting an automatic genset.

The battery charger is built using switching technology in order to offer small size and weight added to high efficiency. High efficiency means less dissipated heat and more device service time.

The small weight, improves its immunity to vibrations and shocks during transportation and operating using.

The battery charger works in current mode up to the end of charge voltage; at this point it begins to operate in voltage mode.

It is made to be embedded inside electrical panel and it doesn't require external additional filter capacitor such as the one used for the battery charger based on controlled rectifier technology.

The whole cost of charge system based on this device is very attractive compared to traditional solutions.

Its immunity to vibrations and shocks during transportation.

MODELS

- Battery charger. 2,5A - 24Vdc Switching
- Battery charger 5A - 12Vdc Switching
- Battery charger5A - 24Vdc Switching

Electrical features

Voltage supply:

195 - 265Vac single-phase 50– 60Hz

Current:

2,5A - 24Vdc and 5A - 12Vdc or 24Vdc

Internal input protection output:

2A F type

End of charge voltage:

13,5V (12V Version) - 27V (24V Version)

Mechanical features

Dimension (maximum, mounting flange not included) :

90(H) x 180(W) x 70(D)mm

Weight:

500g (12Vdc) - 550g (24Vdc)

Protection grade:

IP20

Connection to the grid through screw clamps

Connection to the battery through FASTON

Device ON status LED signalling

Internal fuse opened LED signalling

Other features

Operating temperature:

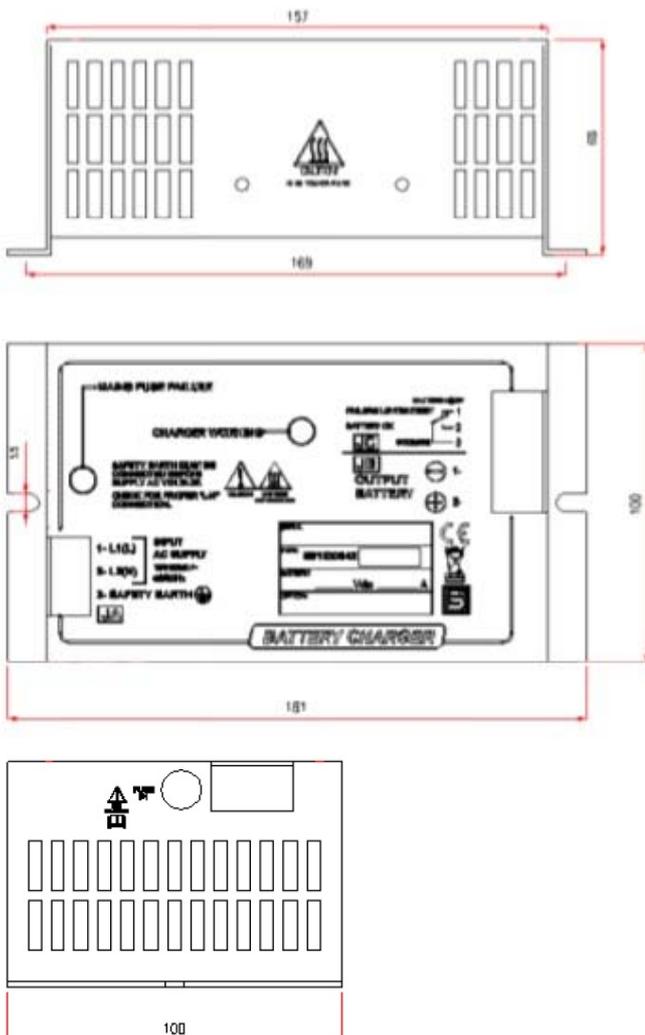
-20 ÷ +50 °C

Storage temperature:

-40 ÷ +80 °C

Built in conformity to EN61204-3, group 5 class A

If required, available tropicalized version for hazardous areas.



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