Battery Charger SM SERIES

FEATURES

Robust built
Easy Installation
Configurable output
Easy Maintanance
Customisable Structure





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The SMEC Designed Battery Charger is specifically designed to cater for the requirements in marine environment and supports the emergency power requirements arising for specifically for control supplies which may hinder the operational capability of the vessel. It also can be used as a support system in case of similar requirements.

The battery charger is a full-automatic high efficiency battery charger/rectifier which features a family of advanced quality battery chargers. This not only charges batteries rapidly and safely also can be used as a rectifier to provide rated supply online to the connected consumers. In addition, the Charger is secured against short circuit, overload and high temperatures in marine environment

General specifications

Nominal output voltage - 24 V DC
Total charge current - 100 A
Number of battery outlets - 1

Battery capacity range - 200-1000 Ah

Nominal input voltage - 115/230 V AC 50/60 Hz

Input voltage range - $\pm 10\%$ Power supply mode - Yes

Display/read-out - LED display

Galvanic isolation - Yes

Dimensions, - 328 X 415 X 143

Weight - 8.65 Kg

Technical specifications

Charge characteristic - 3 Stage Charger Charge Current Bulk - 0-100A (Adjustable)

Charge voltage Absorption - 28.5 VAbsorption time - 1-2Charge voltage Float - 26.5 V

Temperature sensor - Optional (as per customer

requirement)

DC voltage compensation - 0.3 V (Cable compensation)

Adjustable

Full load consumption - 3 KW Max
Current Control function - Yes Adjustable
Temperature range (ambient temp.) - 0-55 deg C

Cooling - Forced Air Cooling

Protection degree - IP 23

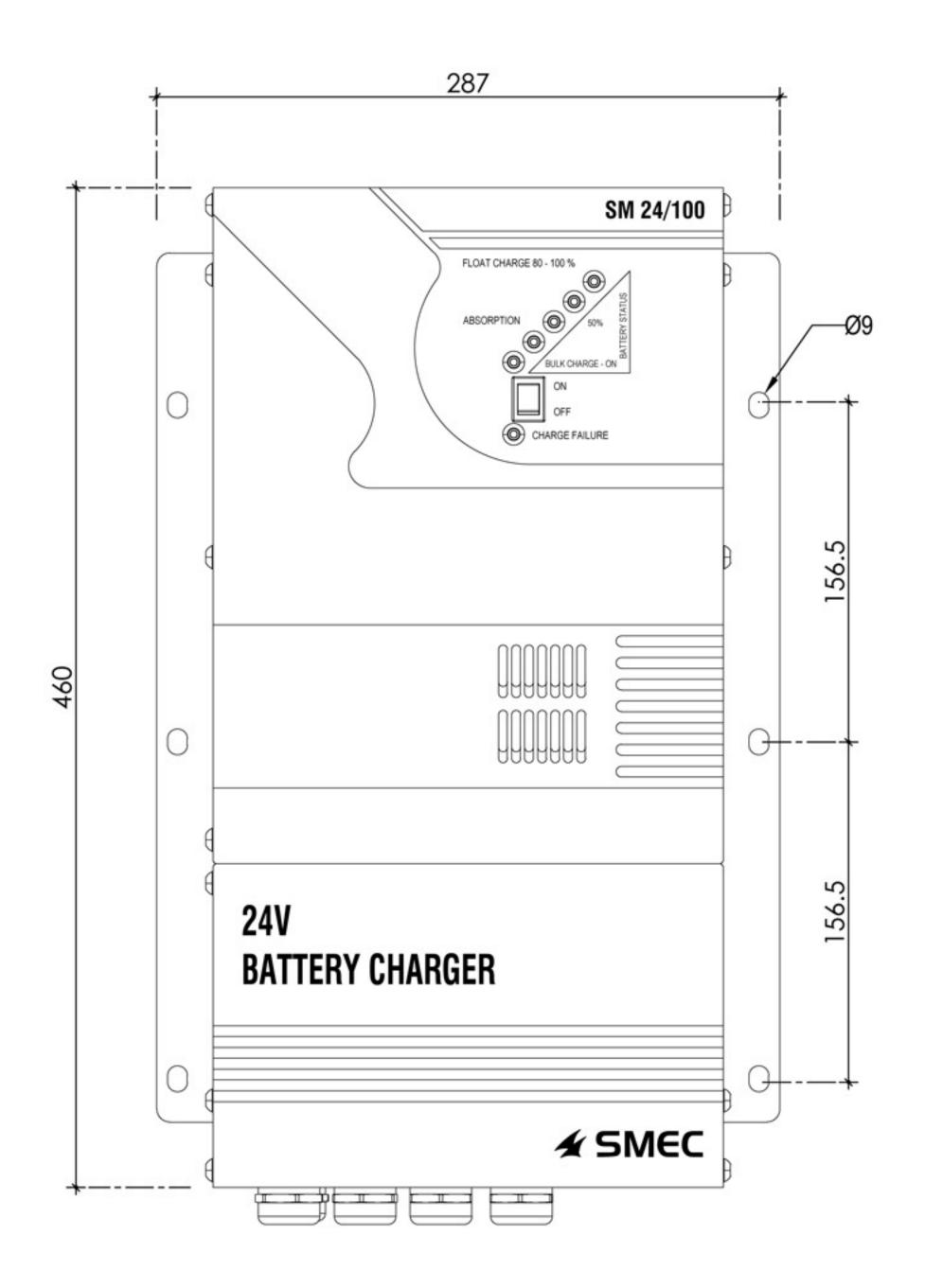
Protections - Over Voltage, Over current,

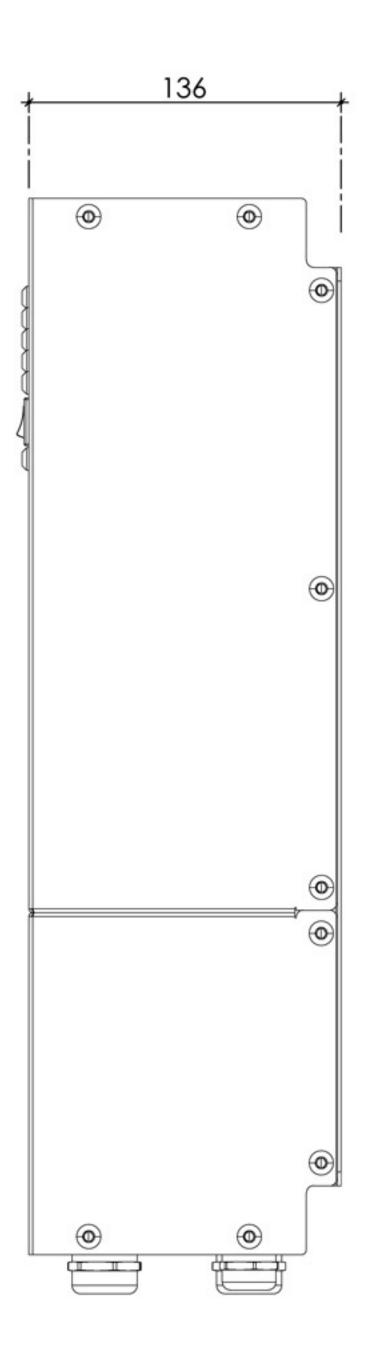
Overload, Over temperature,

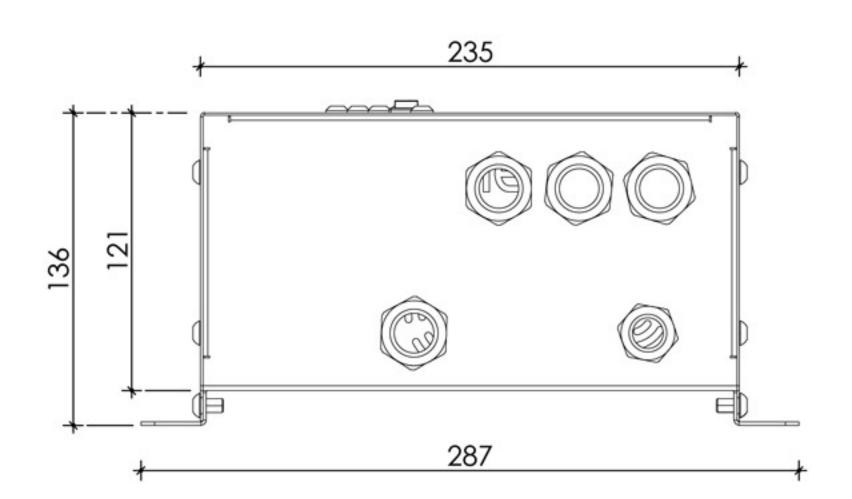
Short Circuit



Dimensions SM 24/100







DIMENSIONS	
LENGTH	287 mm
BREADTH	136 mm
HEIGHT	460 mm
WEIGHT	8.65 Kg (Approx)

* ALL DIMENSIONS ARE IN MM

