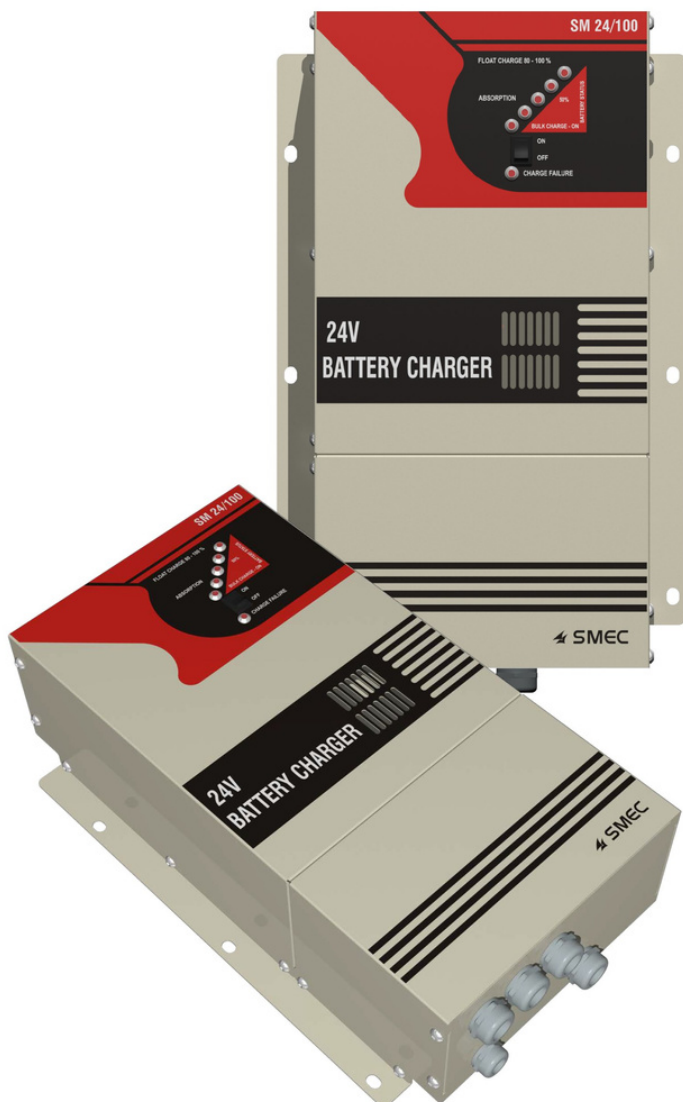


# BATTERY CHARGER

SUITABLE FOR ALL EMERGENCY POWER REQUIREMENTS IN HARSH ENVIRONMENT

A general-purpose fully automatic battery charger / rectifier, converting AC to DC ranging from 110 V - 415 V AC to 12 V / 24 V / 48 V DC (considering the purpose & client requirements as per standards). Can be used for different battery types. Protection against short circuits, overload and high temperature.



## WHY SMEC?

### Specifications:

- Nominal output Voltage - 12 / 24 / 48 V DC
- Total charge Current - 10 / 20 / 40 / 100 A
- Number of battery outlets - 1 No.
- Battery capacity Range - 200 - 1000 Ah
- Nominal input Voltage - 110 / 230 / 415 V AC 50/60 Hz
- Input Voltage range - +10% / -10%
- Power Supply Mode - Yes
- Display / Read-out - LED Display
- Galvanic Isolation - Yes
- Weight - 6 - 15 Kg
- Charge Characteristic - 3 Stage Charger
- Charge Current Bulk - 0-100 A (As per ratings)
- Charge Voltage Absorption - 28.5 V
- Absorption Time - 1 - 2 Hours
- Charge Voltage Float - 26.5 V
- Temperature Sensor - Optional
- DC Voltage Compensation - Optional
- Full Load consumption - As per ratings
- Current Control Function - Yes
- Temperature Range - 0-55 Degree Celsius
- Cooling - Forced Air Cooling
- Protection Degree - IP 23
- Protections - Over Voltage/ Over Current/ Over Load / Over Temperature/ Short Circuit