

SPS TECHNO CIRCUITS LLP

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GENSET BATTERY CHARGER - SPS C1210 (V3.1)

FEATURES

- Constant output voltage upto 10Amps
- Constant Current down to 4VDC
- Auto Boost
- Short Circuit protection
- Fail (Relay) output
- Reverse connection protection
- Wide range operation voltage
- High temperature protection
- Suitable for Lead Acid battery
- Mounting on DIN RAIL TS-35/7.5

TECHNICAL SPECIFICATION

- AC Supply : Voltage Range : 160-270VAC (L-N)
- Frequency Range 48Hz to 64Hz (L-N)

OUTPUT

- Float Voltage : 13.2VDC
- Boost Voltage : 13.65VDC
- Continuous output current : 10ADC
- Maximum Watts = 140W
- Ripple & Noise : <150mV
- Efficiency >80%

REGULATION

- Line <0.001% of V0
- Load <0.75% of V0

PROTECTION

- Output Short Circuits
- Reverse Polarity
- AC under and over voltage

CHARGER FAILURE RELAY

- 6A at 30VDC Potential free contacts

FUSE

- 6A Ø5 x L20 Replaceable
- Fast Acting Glass Fuse

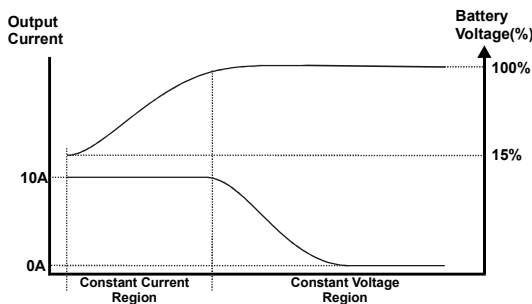
ENVIRONMENTAL RATINGS and PHYSICAL SPECIFICATION

Operation Temperature : -30 to 60 °C
Humidity : 0-90%RH (non condensing)
Weight : 560grms
Dimensions : L:122mm / W:59mm / H:98mm
Mounting : Installation on DIN rail TS-35/7.5

LED INDICATION

- Charger ON
- Reverse Battery Connection
- Boost Mode ON
- Power Fail or Charger Fail

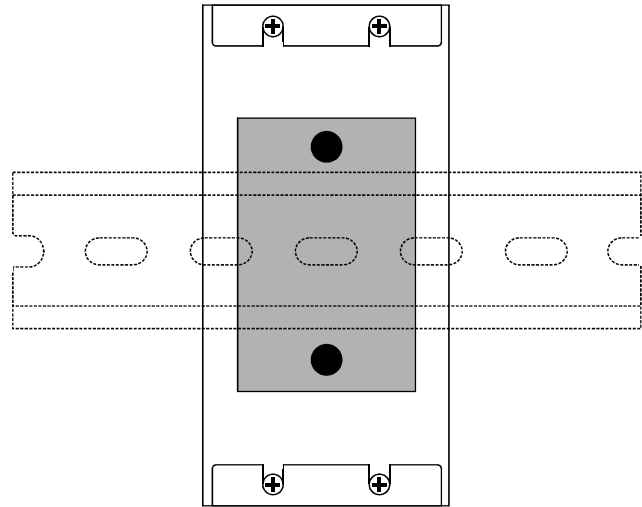
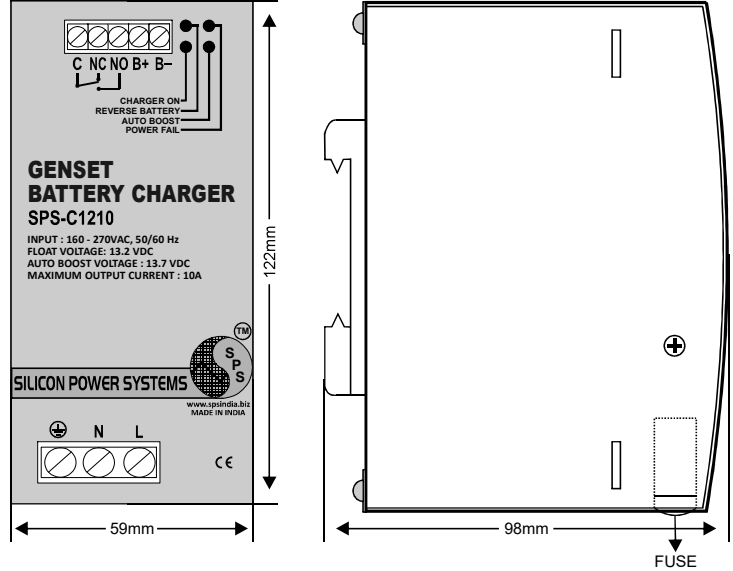
CURRENT-VOLTAGE CURVE



INSTALLATION INFORMATION

- Genset Battery Charger
- Recommended mounting inside the Panel Box

INSTALLATION INSTRUCTION



ELECTRICAL WIRING

BATTERY CHARGER (160-270V ~ 48Hz to 64Hz)

