

# SPS TECHNO CIRCUITS LLP

Bhagwati Society, Street No. 3, Nr. Mother Teresa Ashram, Echjay Steel Road,  
Rajkot - 360 003. Gujarat. INDIA.

Mob : +919429575872 | Email : sales@spsindia.biz | Web : www.spsindia.biz

## GENSET BATTERY CHARGER - SPS C2410 (V3.0)

### FEATURES

- Constant output voltage upto 10Amps
- Constant Current down to 14V
- 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 : 26.2VDC
- Boost Voltage : 27.2VDC
- Continuous output current : 10ADC
- Maximum Watts = 275W
- Ripple & Noise : <150mV
- Efficiency >91%

### 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

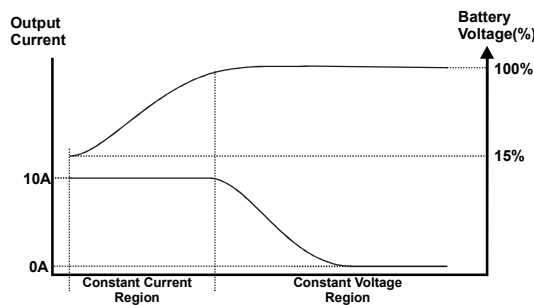
### ENVIRONMENTAL RATINGS and PHYSICAL SPECIFICATION

Operation Temperature : -30 to 60 °C  
 Humidity : 0-90%RH (non condensing)  
 Weight : 700gms  
 Dimensions : L:130mm / W:59mm / H:106mm  
 Mounting : Installation on DIN rail TS-35/7.5

### LED INDICATION

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

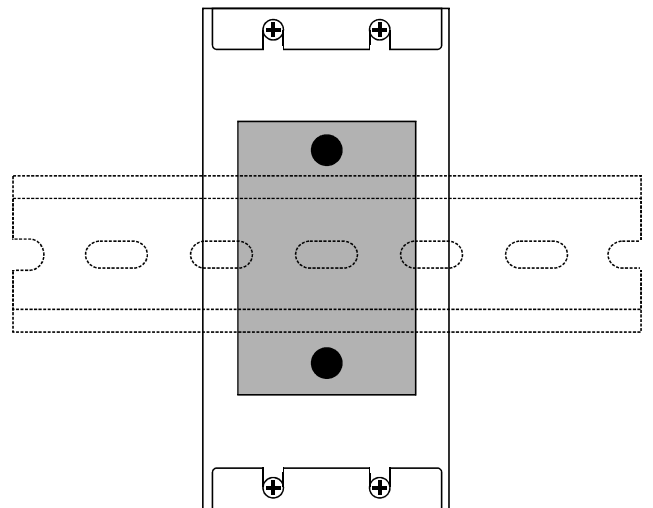
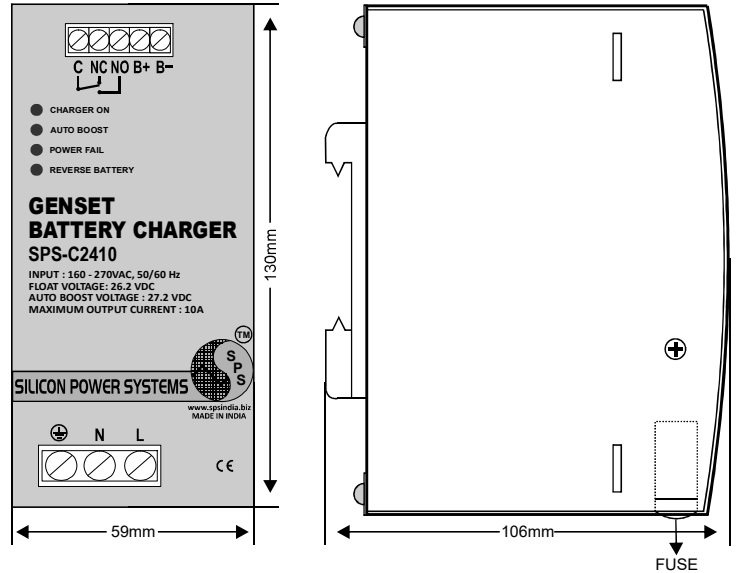
### CURRENT-VOLTAGE CURVE



### INSTALLATION INFORMATION

- Genset Battery Charger
- Recommended mounting inside the Metal Panel Box

### INSTALLATION INSTRUCTION



### ELECTRICAL WIRING

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

