

SMPS Battery Charger

-BCS2410SR4



Function:

BPS Make SMPS Battery Charger- BCS2410SR4 is designed for charging 24 Volt battery @ max 10 Amps. It is most suitable for electrical panels with DC source like AMF panels and for automotive battery. It is compact (300 mm x 90 mm x 220 mm) and panel mountable. It has detachable connector for easy wiring and replacement. Input AC voltage range is 180-260 Volt and DC Output is 26.5-28.5 V for charging 24 V. battery.

The charger has auto Boost/ Float selection. If connected battery draws current over 1 Amp, it start the battery with Boost mode till the battery reach 28.5 V. After reaching 28.5 V. it will be shifted to Float mode with 26.5 V thus keeping battery under Float mode.

It has protection for overload, Battery Reverse connection & Over Temperature protection.



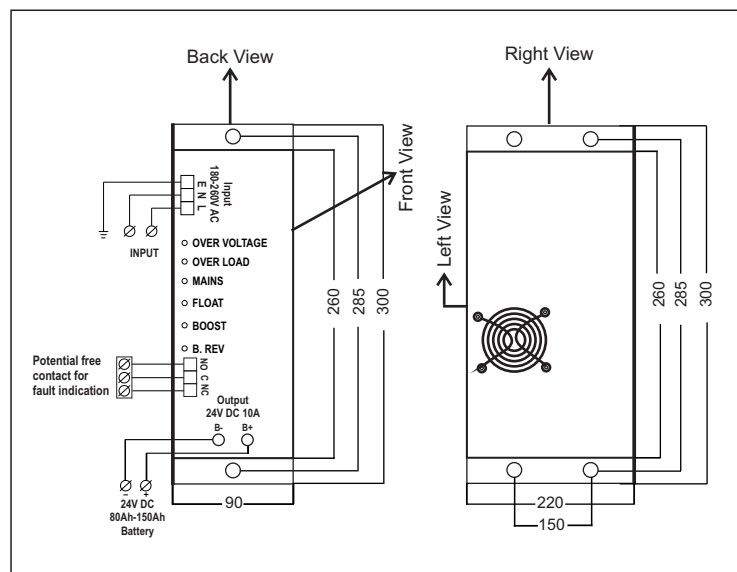
TECHNICAL SPECIFICATIONS:-

| | |
|---------------------|----------------------------------|
| AC Input | : 180-260V AC |
| DC Output | |
| -Float Mode | : 26.5 V |
| -Boost Mode | : 28.5 V |
| Charging current | : 10 Amps (max.) |
| Withstand Voltage | : I/P-O/P-3kV |
| Line Regulation | : +/- 2% on full load |
| Load Regulation | : On main of +/- 2% |
| Working Temperature | : 10~60 Deg C |
| Efficiency | : >85% typical @ full rated load |

**Compact 24V, 10A CC/CV
Battery Charger**

FEATURES:-

- Switching Mode Control based Design
- Charges batteries with CC/ CV mode.
- Over Voltage & Over Current protection.
- User Friendly Operation.
- Input Surge current limiting.
- Low Ripple & Noise.
- Over Temperature Shutdown.
- LED indication Protections.
 - Over Voltage
 - Over Load
 - Mains
 - Float
 - Boost
 - Battery Rev.
- Potential free contact for fault indication.
- Compact, detachable connector and panel mountable



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