

SMPS Battery Charger

-BCS1210SR4

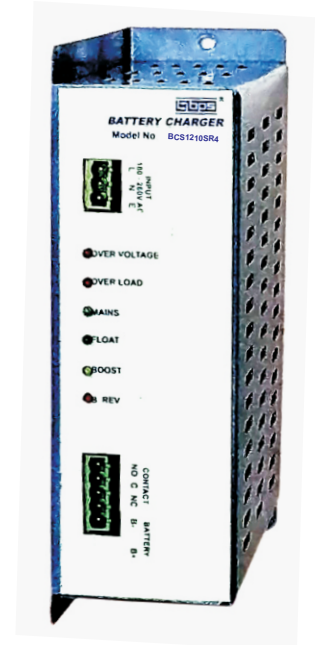


Function:

BPS Make SMPS Battery Charger- BCS1210SR4 is designed for charging 12 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 (215 mm x 70 mm x 160 mm) and panel mountable. It has detachable connector for easy wiring and replacement. input AC voltage range is 170-270 Volt and DC Output is 13.5-14.5 V for charging 12 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 14.5 V. After reaching 14.5 V. it will be shifted to Float mode with 13.5 V thus keeping battery under Float mode.

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



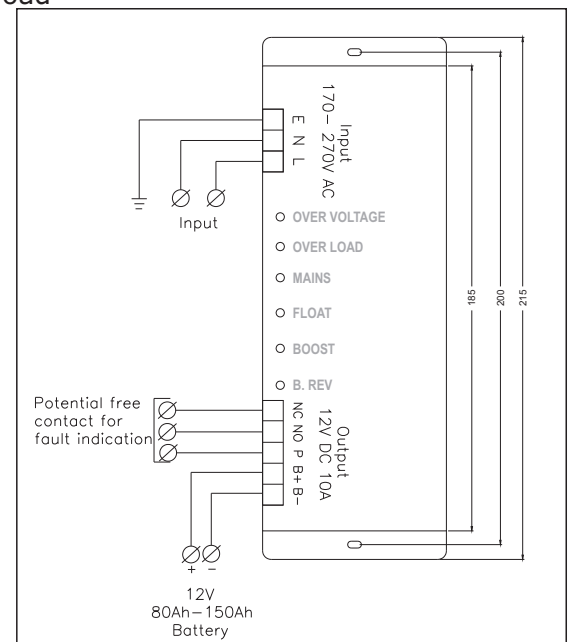
TECHNICAL SPECIFICATIONS:-

AC Input	: 170-270V AC
DC Output	
-Float Mode	: 13.5 V
-Boost Mode	: 14.5 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 12V, 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 for
 - Over Voltage(Red)
 - Over Load(Red)
 - Mains(Green),
 - Float(Green),
 - Boost (Yellow) and
 - Battery Rev. (Red).
- Potential free contact for fault indication.
- Compact, detachable connector and panel mountable



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