

## BATTERY CHARGER - MODEL NO: BC 12V 10A



BATTERY CHARGER FOR ENGINE START APPLICATIONS. SUITABLE FOR CHARGING 12V-130/180AH BATTERIES

### SPECIFICATIONS

Input Voltage	150-300 V AC
Output voltage	
Float Mode	13.4 V DC
Boost Mode	13.9 to 14 V DC
Inrush Current	Limited by NTC Thermister
Charging current in boost mode	10 amps
Charging current in float mode	0 to 4 amps
Operating Temperature	0 TO 50 DEG C
Leakage current	<2 mA at 230 vac
Vibration	10-500 Hz 2G 10 min/ 1cycle 60 mins each along XYZ axis
Protections	
Input under voltage	Cutoff level 140 VAC. Turn on voltage 160 VAC
Input over voltage	300 V AC units shuts off if voltage goes above this value
Output over voltage (Batt charger included)	15.5 V DC
Output short circuit and overload	Continuously protected
Battery reverse polarity	Protected latching mode
Current drawn by charger from battery	Draws zero current from the battery under any circumstances



Externally Induced Over voltage	Protected against output overvoltage caused by parallel connection of alternator etc
Annunciation	Potential free NO /NC contact for charger On/ Fail indication
Indication	Mains On, Float, Boost, and Battery Reverse
Line Regulation	<1%
Load regulation	<1%
Ripple and noise	150 mv p-p
Isolation between: Input & Output	2000V AC
Input & Earth	1500V AC
Output & Earth	1500V AC
Dimensions: L*B*H	170*110*85mm
Mounting	Wall mounting type
Weight	1200 gms