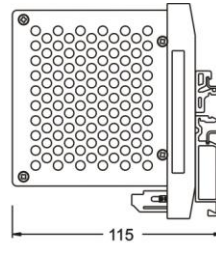
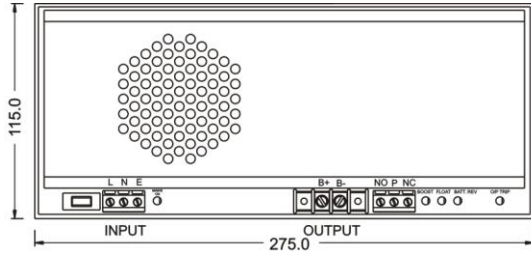


BATTERY CHARGER 250W



All dimensions in mm

⚠ While Connecting Battery Keep Charger OFF.

FEATURES

- Single Phase Input
- High reliability
- Built In Transient protector & EMI filter
- Low ripple & noise
- Cooling by Internal Fan with Automatic control
- Short circuit protection auto recovery type
- Over Temperature Trip
- Current Limit : Yes
- Indications LED : Input OK, Float, Boost, Battery Reverse, Over Temperature Trip
- Low cost
- Compact

INPUT	230V AC, +/-15%, 47-63Hz								
ISOLATION	Input – Output : 1.5KVAC, 1 minute Input – Earth : 1.5KVAC, 1 minute Output – Earth : 500VAC, 1 minute								
EFFICIENCY	70 – 75%								
INDICATIONS	MAINS ON	Green LED							
	BOOST ON	Red LED							
	FLOAT ON	Green LED							
	BATTERY REVERSE POLARITY	Red LED							
	OVER TEMPERATURE TRIP	Red LED							
PROTECTIONS	Short Circuit Auto Recovery Type Overload Protection Auto Recovery Type Battery Reverse Polarity Over Temperature Trip Recovery Type Power ON/OFF								
CHARGER ON RELAY	1 C/O Contact Rated for 5A@230VAC/24VDC								
BATTERY DRAIN DURING CHARGER OFF STATE	< 20uA								
OPERATING AMBIENT	0 ~ 50°C, 95% RH								
STORAGE AMBIENT	-20°C to 85°C								
TERMINATIONS	INPUT	Screw type, for 2.5mm sq. wire							
	OUTPUT	Screw type, for 6mm sq. wire							
MOUNTING	35mm Din Rail								
WEIGHT (MAX)	1320 grams								
ORDERING INFORMATION	NOMINAL INPUT : 230VAC/DC		OUTPUT			RIPPLE & NOISE	OVERVOLTAGE PROTECTION	DIMENSIONS (W x H x D) (mm)	
	INPUT VOLTAGE	AC							
	INPUT RANGE	180 ~ 270V	VOLTAGE	BOOST CURRENT	BOOST CURRENT	RIPPLE & NOISE	OVERVOLTAGE PROTECTION		
	I/P FREQUENCY	47 ~ 63Hz							
	I/P CURRENT (max)	2.5A max	FLOAT	BOOST	BOOST CURRENT	RIPPLE & NOISE	OVERVOLTAGE PROTECTION		
	INRUSH CURRENT	32A @230V							
	ORDER CODE	BCD-1220 (12V:20A)		13.20V	14.50V	20A	+/-1%		< 16V
		BCD-2410 (24V:10A)		26.40V	29.50V	10A	+/-1%		< 32V
		BCD-3606 (36V:6.5A)		39.60V	43.60V	6.5A	+/-1%		< 45V
		BCD-4805 (48V:05A)		52.80V	58.50V	5A	+/-1%		< 63V

Note : 1. All parameters measured at nominal input, rated load and 25°C of ambient temperature unless otherwise specified.
2. Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uf & 100uf parallel capacitor.
3. Ensure clearance of minimum 35mm from adjacent components for proper ventilation.