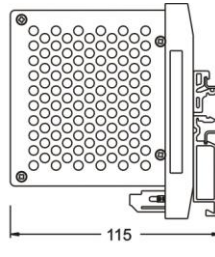
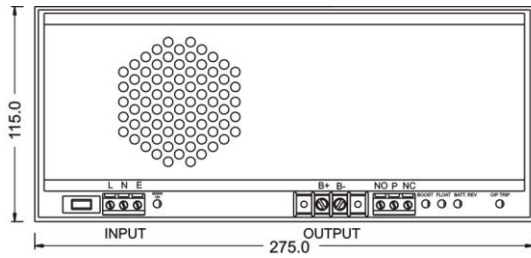


BATTERY CHARGER 250W



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	 +/-1%	 < 16V	
	IP FREQUENCY	47 ~ 63Hz	 FLOAT	 BOOST				
	IP CURRENT (max)	2.5A max	 BOOST CURRENT					
	INRUSH CURRENT	32A @230V	 BCD-1215 (12V:15A)	13.20V 14.50V 15A	 +/-1%	 < 45V		
	ORDER CODE	 BCD-2410 (24V:10A)	26.40V 29.50V 10A	 +/-1%			 < 63V	
		 BCD-3606 (36V:6.5A)	39.60V 43.60V 6.5A					
		 BCD-4805 (48V:0.5A)	52.80V 58.50V 5A					
		 BCD-4805 (48V:0.5A)	52.80V 58.50V 5A					

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.