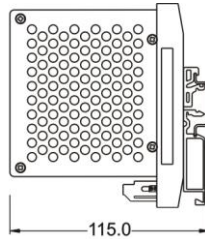
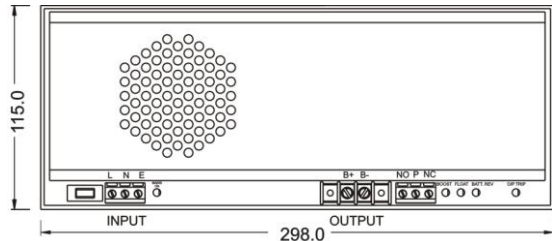


BATTERY CHARGER 500W



All dimensions in mm

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

While Connecting Battery Keep Charger OFF.

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)	1650 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						
	I/P FREQUENCY	47 ~ 63Hz	VOLTAGE		BOOST CURRENT			
	I/P CURRENT (max)	4.5A max	FLOAT	BOOST				
	INRUSH CURRENT	32A @230V						
	ORDER CODE	BCD-2420 (24V:20A)	26.40V	29.50V	20A	+/-1%	< 32V	
BCD-3613 (36V:13A)		39.60V	43.60V	13A	+/-1%	< 45V		
BCD-4810 (48V:10A)		52.80V	58.50V	10A	+/-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.