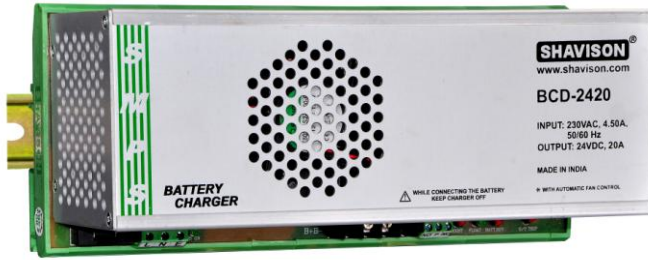


BATTERY CHARGER 500W

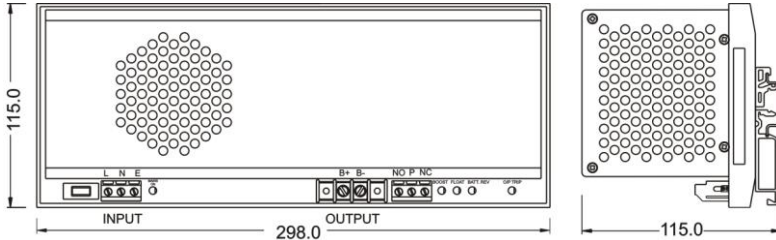


FEATURES

- 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 the battery keep charger OFF.



This product is not intended to be used as Stand-alone Battery charger. It is intended to be used as component or raw material inside the main equipment.

All dimensions in mm

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				RIPPLE & NOISE	DIMENSIONS (W x H x D) (mm)
	INPUT VOLTAGE	AC					
	INPUT RANGE	185 ~ 270V					
	I/P FREQUENCY	47 ~ 63Hz	VOLTAGE				
	I/P CURRENT (max)	4.5A max	FLOAT	BOOST	BOOST CURRENT		
	INRUSH CURRENT	32A @230V					
	ORDER CODE	BCD-2420 (24V:20A)	26.40V	29.50V	20A	+/-1%	
	BCD-3613 (36V:13A)	39.60V	43.60V	13A	+/-1%		
	BCD-4810 (48V:10A)	52.80V	58.50V	10A	+/-1%		

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.