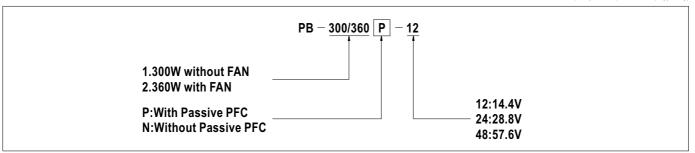




Features:

- 3 stage charging
- AC 115/230VAC selected by switch
- Built-in passive PFC function compliance to EN61000-3-2 Class A (option)
- Protection: Reverse Polarity / Short circuit / Over voltage / Over temperature
- Cooling by free air convection
- · Charger for lead-acid batteries
- · 2 color LED loading indicator
- · Low cost, High reliability
- 2 years warranty

cRUs CB (except for 48V) CE (P type only)

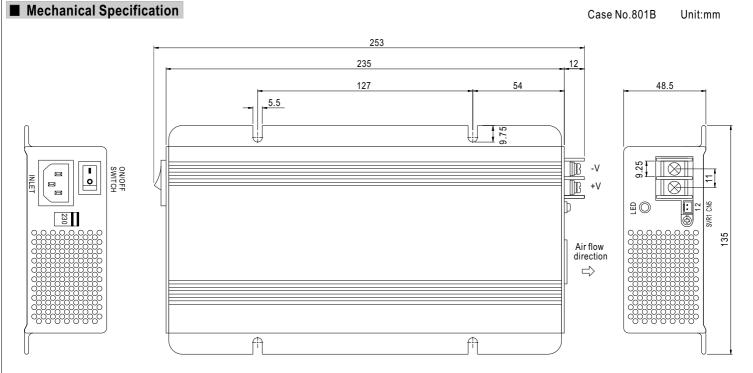


SPECIFICATION

MODEL		PB-30012	PB-30024	PB-30048		
	BOOST CHARGE VOLTAGE	14.4V	28.8V	57.6V		
	FLOAT CHARGE VOLTAGE	13.6V	27.2V	54.4V		
ОИТРИТ	VOLTAGE ADJUSTABLE RANGE	13 ~ 14.7V	26 ~ 28.8V	52 ~ 58.6V		
	RECOMMENDED BATTERY CAPACITY(AMP HOURS)(Note 5)	80 ~ 200Ah	40 ~ 125Ah	20 ~ 65Ah		
	BATTERY TYPE	Open & Sealed Lead Acid				
	OUTPUT CURRENT(max.)	20.85A	10.5A	5.3A		
	CONTINUOUS OUTPUT CURRENT (Typ.) (Note 6)	12.5A	6.25A	3.2A		
	VOLTAGE RANGE	90 ~ 132VAC / 180 ~ 264VAC selected by switch				
	FREQUENCY RANGE	47 ~ 63Hz				
	EFFICIENCY (Typ.)	85%	86%	88%		
INPUT	POWER FACTOR (Typ.)	>0.65 (with P type) at 230VAC				
	AC CURRENT (Typ.)	6A/115VAC 3A/230VAC				
	INRUSH CURRENT (Typ.)	COLD START 60A				
	LEAKAGE CURRENT	<3.5mA/240VAC				
	OVERLOAD	90 ~ 110% rated output current				
		Protection type: Constant current limiting, recovers automatically after fault condition is removed				
	REVERSE POLARITY	By internal fuse				
PROTECTION	OVER VOLTAGE	16 ~ 18V	31 ~ 35V	59 ~ 64V		
		Protection type: Shut down o/p voltage, re-power on to recover				
	OVER TEMPERATURE	Protection type: Automatically derate charge current until zero				
FUNCTION	REMOTE CONTROL (CN5)	Open: Normal work Short: Stop Charging				
	WORKING TEMP.	-10 ~ +50 °C (Refer to output load derating curve)				
	WORKING HUMIDITY	20 ~ 90% RH non-condensing				
ENVIRONMENT	STORAGE TEMP., HUMIDITY	-40 ~ +85℃, 10 ~ 95% RH				
	TEMP. COEFFICIENT	±0.05%/°C (0~45°C)				
	VIBRATION	10 ~ 500Hz, 2G 10min./1cycle, 60min. each along X, Y, Z axes				
	SAFETY STANDARDS	IEC60335-2-29 CB approved by TUV(except for 48V), UL60950-1 approved				
0.45577.0	WITHSTAND VOLTAGE	I/P-O/P:3KVAC I/P-FG:1.5KVAC O/P-FG:0.5KVAC				
SAFETY &	ISOLATION RESISTANCE	I/P-O/P, I/P-FG, O/P-FG:100M Ohms/500VDC				
EMC (Note 4)	EMI CONDUCTION & RADIATION	Compliance to EN55022 (CISPR22) Class B				
(HARMONIC CURRENT	Compliance to EN61000-3-2,-3 (only P type)				
	EMS IMMUNITY	Compliance to EN61000-4-2,3,4,5,6,8,11; ENV50204, EN55024, light industry level, criteria A				
	MTBF	115.8Khrs min. MIL-HDBK-217F (25°C)				
OTHERS	DIMENSION	253*135*48.5mm(L*W*H)				
	PACKING	1.45Kg; 6pcs/9.7Kg/0.95CUFT				
NOTE	Ripple & noise are measure Tolerance : includes set up	ally mentioned are measured at 230VAC input, rated load and 25°C of ambient temperature. The dead to 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uf & 47uf parallel capacitor. To tolerance, line regulation and load regulation.				

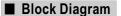
- 4. The power supply is considered a component which will be installed into a final equipment. The final equipment must be re-confirmed that it still meets EMC directives.
- 5. This is Mean Well's suggested range. Please consult your battery manufacturer for their suggestions about maximum charging current limitation.
- 6. Test condition is at 25°C, charging current will change under different temperature.

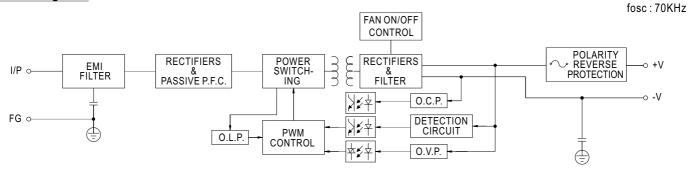




Remote Control(CN5): JST B2B-XH or equivalent

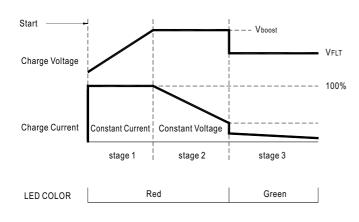
\ /			
Assignment	Mating Housing	Terminal	
PIN1,2 Open: Normal work	JST XHP	JST SXH-001T-P0.6	
PIN1,2 Short: Stop Charging	or equivalent	or equivalent	



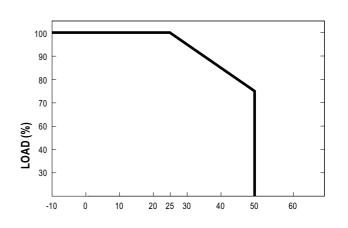


■ Charging Curve

■ Output Load VS Temperature



State	PB-300-12	PB-300-24	PB-300-48
Vboost	14.4V	28.8V	57.6V
VFLT	13.6V	27.2V	54.4V



EXTERNAL CASE TEMPERATURE (°C)