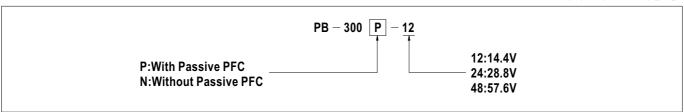




Features:

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





SPECIFICATION

MODEL		PB-30012	PB-30024	PB-30048
ОИТРИТ	BOOST CHARGE VOLTAGE	14.4V	28.8V	57.6V
	FLOAT CHARGE VOLTAGE	13.6V	27.2V	54.4V
	VOLTAGE ADJUSTABLE RANGE	13 ~ 14.7V	26 ~ 28.8V	52 ~ 58.6V
	RECOMMENDED BATTERY CAPACITY(AMP HOURS) Note 5	60 ~ 200Ah	30 ~ 100Ah	15 ~ 50Ah
	BATTERY TYPE	Open & Sealed Lead Acid		
	MAX. OUTPUT CURRENT(Typ.) Note 7	20.85A	10.5A	5.3A
	CONTINUOUS OUTPUT CURRENT (Typ.) Note 6	12.5A	6.25A	3.2A
INPUT	VOLTAGE RANGE	90 ~ 132VAC / 180 ~ 264VAC selected by switch 127 ~ 187VDC / 254 ~ 370VDC		
	FREQUENCY RANGE	47 ~ 63Hz		
	POWER FACTOR (Typ.)	>0.65 (with P type) at 230VAC		
	EFFICIENCY (Typ.)	85%	86%	88%
	AC CURRENT (Typ.)	6A/115VAC 3A/230VAC		
	INRUSH CURRENT (Typ.)	COLD START 60A		
	LEAKAGE CURRENT	<3.5mA / 240VAC		
PROTECTION	SHORT CIRCUIT	O/P Built in fuse (FS100) to protect short circuit condition, shut down o/p voltage and can not re-power on		
	REVERSE POLARITY	By internal fuse		
	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		
ENVIRONMENT	WORKING TEMP.	-10 ~ +50°C (Refer to "Derating Curve")		
	WORKING HUMIDITY	20 ~ 90% RH non-condensing		
	STORAGE TEMP., HUMIDITY	-40 ~ +85°C, 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 & EMC (Note 4)	SAFETY STANDARDS	IEC60335-2-29 CB approved by TUV(except for 48V), UL60950-1 approved		
	WITHSTAND VOLTAGE	I/P-O/P:3KVAC I/P-FG:1.5KVAC O/P-FG:0.5KVAC		
	ISOLATION RESISTANCE	I/P-O/P, I/P-FG, O/P-FG:100M Ohms / 500VDC / 25℃ / 70% RH		
	EMC EMISSION	Compliance to EN55022 (CISPR22) Class B, EN61000-3-2,-3 (only P type)		
	EMC IMMUNITY	Compliance to EN61000-4-2,3,4,5,6,8,11, EN55024, light industry level, criteria A		
OTHERS	MTBF	115.8Khrs min. MIL-HDBK-217F (25°C)		
	DIMENSION	253*135*48.5mm(L*W*H)		
	PACKING	1.45Kg; 6pcs/9.7Kg/0.95CUFT		
NOTE	 All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25°C of ambient temperature. Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1 uf & 47 uf parallel capacitor. Tolerance: includes set up tolerance, line regulation and load regulation. 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. This is Mean Well's suggested range. Please consult your battery manufacturer for their suggestions about maximum charging current limitation. 			

- 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.
 7. Maximum charging current will be in the range of 90~110% rated output current.



