

## 360W Single Output Battery Charger

## PB-360 series



- 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
- Charger for lead-acid batteries
- 2 color LED loading indicator
- Low cost, High reliability
- FAN on/off control(Depends on charging current)
- 3 years warranty

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	PB - 360 P - 12	
P:With Passive PFC N:Without Passive PFC	24:28.8V 48:57.6V	

## SPECIFICATION

MODEL		PB-36012	PB-36024	PB-36048		
ουτρυτ	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	80 ~ 240Ah	40 ~ 125Ah	20 ~ 65Ah		
	BATTERY TYPE	Open & Sealed Lead Acid				
	OUTPUT CURRENT (Typ.) Note 6	24.3A	12.5A	6.25A		
	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				
INPUT	EFFICIENCY (Typ.)	85%	86%	87%		
	AC CURRENT (Typ.)	7A/115VAC 3.5A/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 Protection type : Shut down o/p voltage in	31 ~ 35V	59 ~ 64V		
	OVER TEMPERATURE	Protection type : Shut down o/p voltage, re-power on to recover Protection type : Automatically derate charge current until zero				
FUNCTION	REMOTE CONTROL (CN5)	Open: Normal work Short: Stop Charging				
	WORKING TEMP.	-20 ~ +60°C (Refer to "Derating Curve")				
		20 ~ 90% RH non-condensing				
	STORAGE TEMP., HUMIDITY					
	TEMP. COEFFICIENT	±0.05%/℃ (0~45℃)				
	VIBRATION	10 ~ 500Hz, 2G 10min./1cycle, 60min. each along X, Y, Z axes				
	SAFETY STANDARDS	IC ~ 500H2, 2G TOMIN./Tcycle, 60min. each along X, Y, 2 axes IEC60335-2-29 CB approved by TUV(except for 48V), UL60950-1 approved				
SAFETY &	WITHSTAND VOLTAGE	I/P-O/P:3KVAC I/P-FG:1.5KVAC O/P-FG:0.5KVAC				
EMC	ISOLATION RESISTANCE	I/P-0/P, I/P-FG, O/P-FG:100M Ohms / 500VDC / 25°C / 70% RH				
(Note 4)	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	1.5Kg; 6pcs/10Kg/0.95CUFT				
NOTE	<ol> <li>All parameters NOT special</li> <li>Ripple &amp; noise are measure</li> <li>Tolerance : includes set up</li> <li>The power supply is consid EMC directives.</li> <li>This is Mean Well's sugges</li> </ol>	ally mentioned are measured at 230VAC input, rated load and 25°C of ambient temperature. red at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uf & 47uf parallel capacitor. p tolerance, line regulation and load regulation. idered a component which will be installed into a final equipment. The final equipment must be re-confirmed that it still meets ested range. Please consult your battery manufacturer for their suggestions about maximum charging current limitation. t will be in the range of 90~110% rated output current.				



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