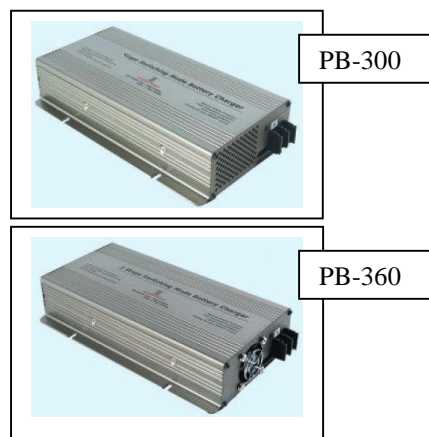


ALL PSU DATA SHEET.

300 to 360 Watt 3 Stage Lead Acid Battery Chargers. PB Series.

- * Low Cost Bench / Chassis Mount Units.
- * 3 Stage Intelligent Charging
- * High Efficiency/Reliability
- * 100% Full Load Burn In
- * Short Circuit, Over Voltage, Over Temp Protection
- * Battery Reverse Polarity Protection
- * 2 Colour LED Load Indication
- * Approvals TUV / CE / CB
- * 2 Year Warranty



Specification.

Input Voltage	85~132 VAC / 170~264 VAC selected by sw
Frequency	47~63Hz
Inrush current	Cold Start, 60A @ 115/230 VAC
Input Current	6 Amps @ 115 VAC, 3 Amps @ 230 VAC
Output Voltage	3 Stage charging levels
Over Load Protection	90 to 110% , Constant Current Auto Recovery
	ESC Units Have Battery Charger Output.
Over Voltage Protection	15~17 Volts or 30~35 Volts, Depends on model.
Remote Control	Open = Normal operation, Short = Off.
Withstand Voltage	I/P-O/P : 3KVAC, I/P-FG:1.5KVAC,
Operating Temperature	0-70°C, See derating curves for 300 / 360 Watts
Safety Standards	IEC60335-2-29 CB approved by TUV.
EMC Standard	EN55022 Class B, EN61000-4-2,3,4,5,6,8,11
	EN61000-3-2,3, ENV50204, EN55024
Case Size (all models)	253 x 135 x 48.5mm
Connections	AC Input IEC, Output Screw Terminals.

Model	Boost Output Voltage Level	Float Output Voltage Level	Output Current	Recommended Battery Size
PB-300P-12	14.4 Volts	13.6 Volts	Max 20.85 Amps to 25°C 12.5 Amps Continuous	80 to 200Ah
PB-300P-24	28.8 Volts	27.2 Volts	Max 10.5 Amps to 25°C 6.25 Amps Continuous	40 to 125Ah
Note : PB-300 Chargers are convection cooled and will supply the maximum output current values only up to a maximum external case temperature of 25°C, or the Continuous current ratings above this temperature.				
PB-360P-12	14.4 Volts	13.6 Volts	24.3 Amps	80 to 200Ah
PB-360P-24	28.8 Volts	27.2 Volts	12.5 Amps	40 to 125Ah
Note : PB-360 Chargers have internal temperature controlled cooling fan for full power to 40°C, then should be derated to 60% maximum load at 60°C and down to zero at 70°C.				

For full specification and mechanical drawing, please contact ALL PSU sales office.
Specifications may change without notice, E&OE. ALL PSU Terms & Conditions Apply.

Further Lead Acid Battery Chargers Plus A Full Range Of AGM and Gel Technology Batteries Can Be Seen On Our Web Site At www.allpsu.co.uk

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