

Battery Charger

360W

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360W Single Output Battery Charger

• Features:

- Three Stage Charging
- Universal Input Supply Range
- Automatic Selection of FLOAT and BOOST mode
- Protections: Short Circuit / Over load / Over Temperature
- Battery Reverse polarity protection
- LED Indication for Float, Boost and Battery Rev. Polarity
- 100% Full Load Burn in test
- High reliability



SPECIFICATION

MODEL	B360-12	B360-24	B360-36	B360-48	
Output	Float Voltage	13.50V	27.00V	40.5V	54.00V
	Float Current	6.00A ~ 9.00A	3.00A ~ 4.75A	2.00A ~ 3.00A	1.4A ~ 2.4A
	Boost Voltage	14.20V	28.40V	42.6V	56.80V
	Boost Current	30A	15A	10A	7.5A
	Rated Power	426W			
	Ripple and Noise Max.	< 1% Of Rate Voltage.			
	Voltage Tolerance	< 1% Of Rate Voltage.			
	Line Regulation	< +/- 0.5 %			
	Load Regulation	< +/- 1 %			
	Hold up Time	> 20mSec			
Input	Voltage Range	170 VAC - 300 VAC			
	Frequency	45Hz - 65Hz			
	Efficiency	>80%			
	Inrush Current	<50A At 230VAC			
	Leakage Current	<1mA At 230VAC			
Protection	Over Load	Above 105% Rate output Power Protection Type: Constant Current, Recovers automatically after fault condition is removed.			
	Over Voltage	15V ~ 18V	32V ~ 38V	48V ~ 57V	64V ~ 76V
	Reverse Polarity	By internal Fuse			
Indications	LED Indications	LED Indication for Float, Boost and Battery Rev. Polarity			
	Potential Free Contacts	NC, P, NO for Charger fail annunciation, Contact Rating: 5A/230VAC			
Environment	Working Temp.	-5DegC to 55DegC.			
	Working Humidity	20 to 90%RH Non Condensing.			
	Storage Temp Humidity	-10 to 85DegC 10 to 95% RH.			
	Vibration	10 to 500Hz,2G,20min/sweep,period-1Hr,Each along X,Y,Z axes.			
Safety & EMC	Safety Standard	Designed to meet UL60950-1			
	Withstand Voltage	I/P-O/P : 2KVAC , I/P-Earth : 1.5KVAC , O/P-Earth : 500VDC.			
	Isolation Resistance	I/P-O/P , I/P-Earth , O/P-Earth : 100M Ohms / 500VDC.			
	EMI & EMC	Designed to meet EN55011			
Other	Enclosure Protection	IP-20			
	Cooling	Force Cooling.			
	Dimension	249*151*72 (L*W*H)			
Note	1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25Deg.C.ambient temperature. 2. Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uF & 47uF parallel capacitor. 3. Tolerance : includes set up tolerance, line regulation and load regulation. 4. The Battery Charger 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. Specifications are subject to change without prior notice due to constant improvement in design & technology				

