



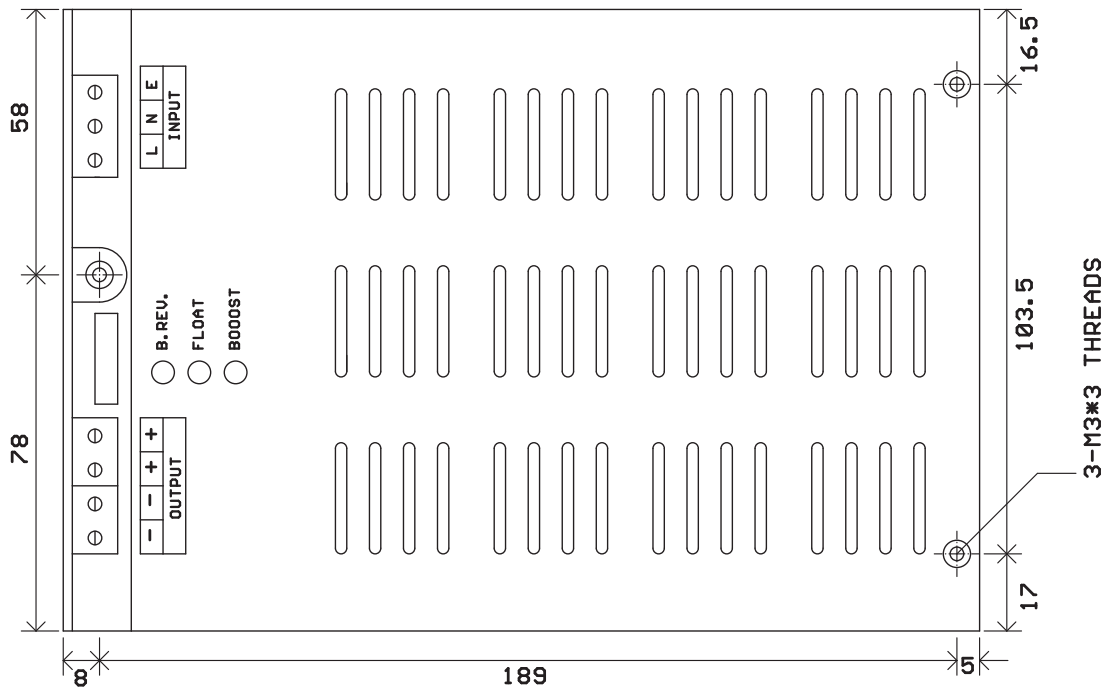
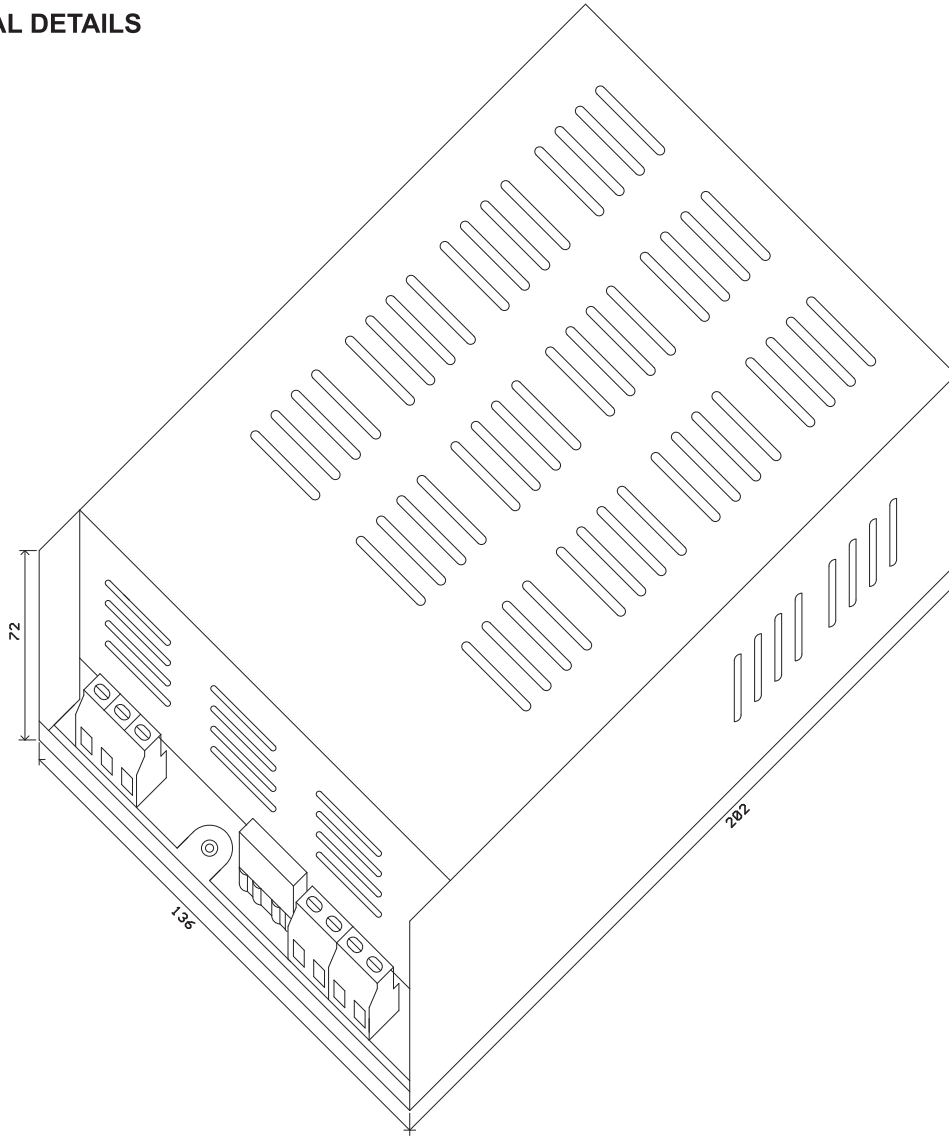
### • Features:

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

### SPECIFICATION

MODEL		B480-12	B480-24	B480-36	B480-48
Output	Float Voltage	13.5V	27.00V	40.50V	54.00V
	Float Current	6.50A ~8.500A	4.00A ~ 6.00A	3.00A ~5.00A	2.00A ~ 3.00A
	Boost Voltage	14.20V	28.40V	42.6V	56.80V
	Boost Current	30A	20A	13.33A	10A
	Rated Power	426W	568W		
	Ripple and Noise Max.	< 1% Of Rated Voltage.			
	Voltage Tolerance	< 1% Of Rated 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% Rated output Power Protection Type: Constant Current, Recovers automatically after fault condition is removed.			
	Over Voltage	16V ~ 19V	32V ~ 38V	48V ~57V	64V ~ 76V
	Reverse Polarity	By internal Fuse			
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,peroid-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	Forced Cooling.			
	Dimension	202*136*72 (L*W*H)			
Note	<p>1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25Deg.C ambient temperature.</p> <p>2. Ripple &amp; noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uF &amp; 47uF parrallel capacitor.</p> <p>3. Tolerance : includes set up tolerance , line regulation and load regulation.</p> <p>4. The Battery Charger is considered a component which will be installed into a final equipment. The final equipment must be re-conformed that it still meets EMC directives.</p> <p>5. Specifications are subject to change without prior notice due to constant improvement in design &amp; technology.</p>				
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**DIMENSIONAL DETAILS**



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