



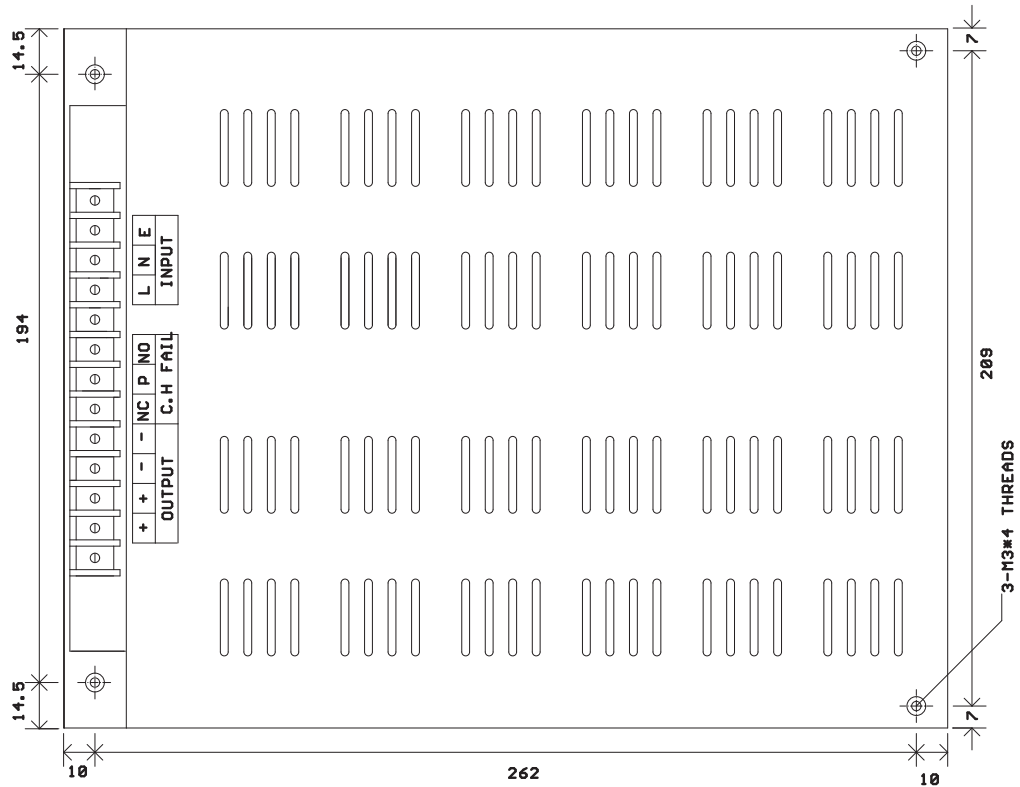
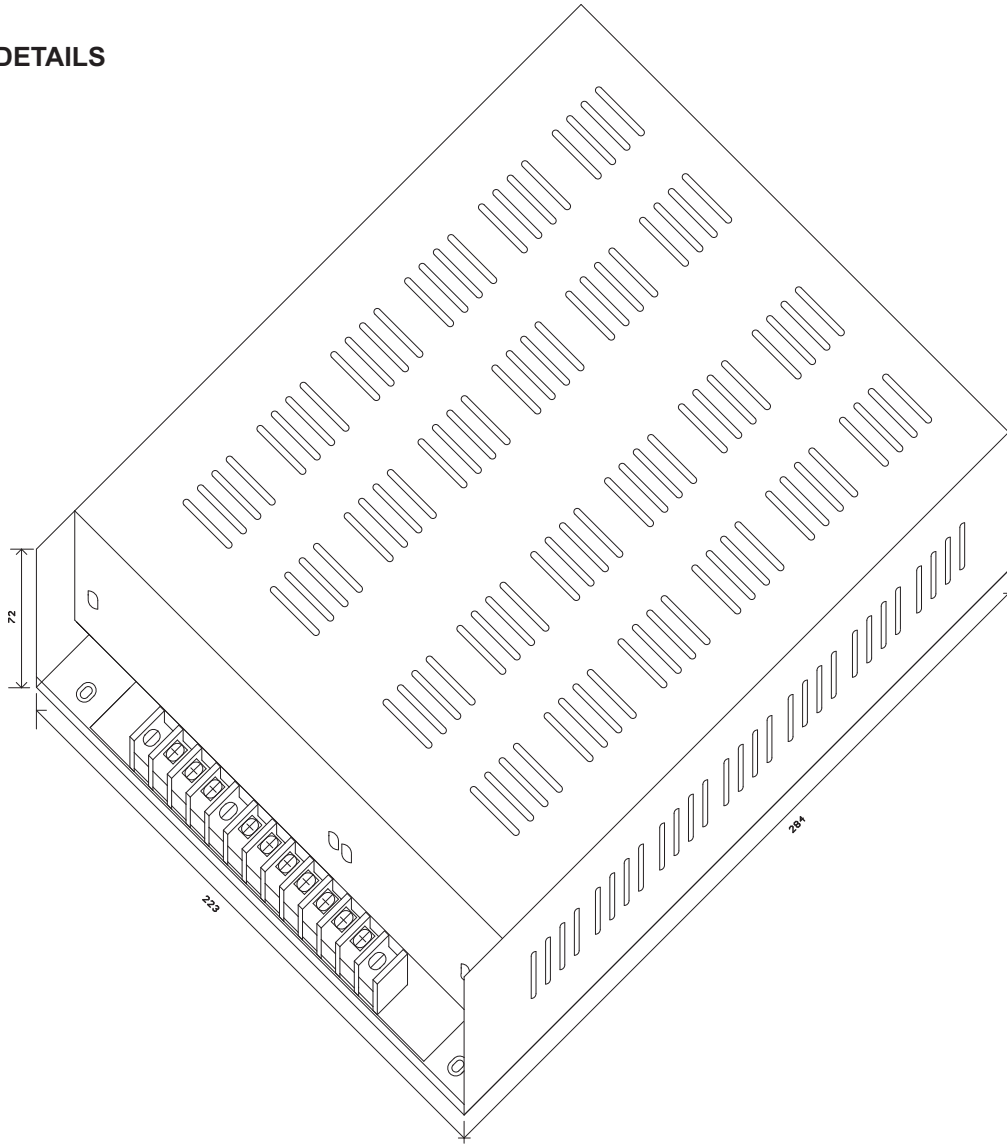
### ● Features:

- 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		B960-24	B960-48	B960-96
Output	Float Voltage	27.00V	54.00V	108.00V
	Float Current	9.00A ~ 11.00A	4.00A ~ 6.00A	2.00A ~ 3.00A
	Boost Voltage	28.40V	56.80V	113.6V
	Boost Current	40A	20A	10A
	Rated Power	1136W		
	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	180 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	32V ~ 38V	64V ~ 76V	128V ~ 152V
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.		
Other	EMI & EMC	Designed to meet EN55011		
	Enclosure Protection	IP-20		
	Cooling	Forced Cooling.		
	Dimension	284*223*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 parrallel capacitor.			
	3. Tolerance : includes set up tolerance , line regulation and load regulation.			
	4. The power supply is considered a component which will be installed into a final equipment. The final equipment must be re-conformed that it still meets EMC diretives.			
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**DIMENSIONAL DETAILS**



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