

Battery Charger

960W

Nuteck Power Solutions P Ltd.
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960W Single Output Battery Charger

• Features:

- Threestagedcharging.
- Universaldinput supplydrange
- Automatic Selection of FLOAT and BOOST mode
- Protections: Short Circuit / Overload / Over Temperature
- BatterydReversedpolaritydprotection
- LEDdIndication for Float, Boost and BatterydRev. Polarity
- 100% Full Load Burndin test.
- Highdreliability

SPECIFICATION

MODEL	B960-24	B960-36	B960-48	B960-72	B960-96	B960-110	B960-192	B960-240	
Output	Float Voltage	27.00V	40.5V	54.00V	81.00V	108.00V	123.75V	216.00V	270.00V
	Float Current	9A ~ 11A	5A ~7A	4A ~ 6A	2.75A ~4.25A	2A ~ 3A	1.7A ~2.7A	1A ~ 1.50A	0.5A ~ 1.5A
	Boost Voltage	28.40V	42.6V	56.80V	85.20V	113.6V	130.00V	227.20V	284V
	Boost Current	40A	26.67A	20A	13.33A	10A	8.72A	5A	4A
	Rated Power	1136W							
	Ripple and Noise Max.	< 1% Of RateddVoltage.							
	Voltage Tolerance	< 1% Of RateddVoltage.							
	Line Regulation	< +/- 0.5 %							
	Load Regulation	< +/- 1d%							
	Hold up Time	> 20mSec							
Input	Voltage Range	180dVACd~ 300 VAC							
	Frequency	45Hz - 65Hz							
	Efficiency	>80%							
	Inrush Current	<50A At 230VAC							
	Leakage Current	<1mA At 230VAC							
Protection	Over Load	Above 105% Rateddoutput Power Protection Type: Constant Current, Recovers automatically after fault condition is removed.							
	Over Voltage	32V~38V	48V~57V	64V~76V	96V~114V	128V~152V	142V~167A	250V~270V	300V~320V
	Reverse Polarity	Bydinternal Fuse							
Indications	LED Indications	LEDdIndication fordMains on, Float, Boost anddBatterydRev. 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%RHdNondCondensing.							
	Storage Temp Humidity	-10dto 85DegCd10 tod95% RH.							
	Vibration	10 to 500Hz,2G,20min/sweep,period-1Hr,Eachdalong X,Y,Zdaxes.							
Safety & EMC	Safety Standard	Designed todmeet UL60950-1							
	Withstand Voltage	I/P-O/P : 2KVACd, I/P-Earth : 1.5KVAC , O/P-Earthd: 500VDC.							
	Isolation Resistance	I/P-O/P , I/P-Earth , O/P-Earth : 100M Ohms / 500VDC.							
	EMI & EMC	Designed todmeet EN55011							
Other	Enclosure Protection	IP-20							
	Cooling	ForceddCooling.							
	Dimension	324*223*72 (L*W*H)							
Note	1. All parameters NOT specially mentioned are measureddat 230VACdinput, rated loadand 25Deg.C.ambient temperature. 2. Ripple & noise aredmeasured at 20MHz of bandwidthdbydusingda 12"dtwisted pair-wire terminateddwith 0.1uFd&d47uFdparallelcapacitor. 3. Toleranced: includes set updtolerance , line regulation and loadregulation. 4. The BatterydCharger is considered adcomponent which will be installeddinto adfinal equipment. The final equipment must be re-conformeddthat it still meets EMCddirectives. 5. Specifications are subject todchangedwithout prior notice duedto constant improvement inddesignd& technology								

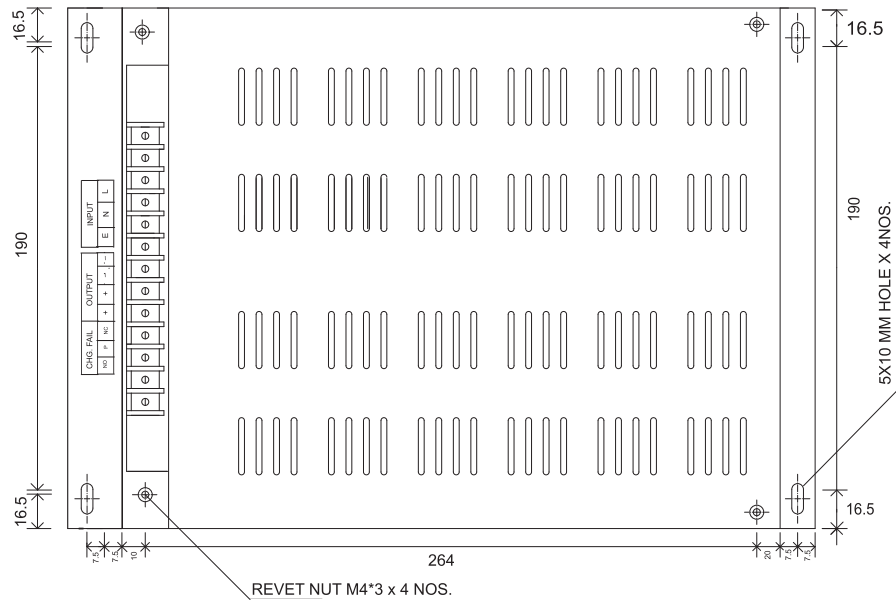
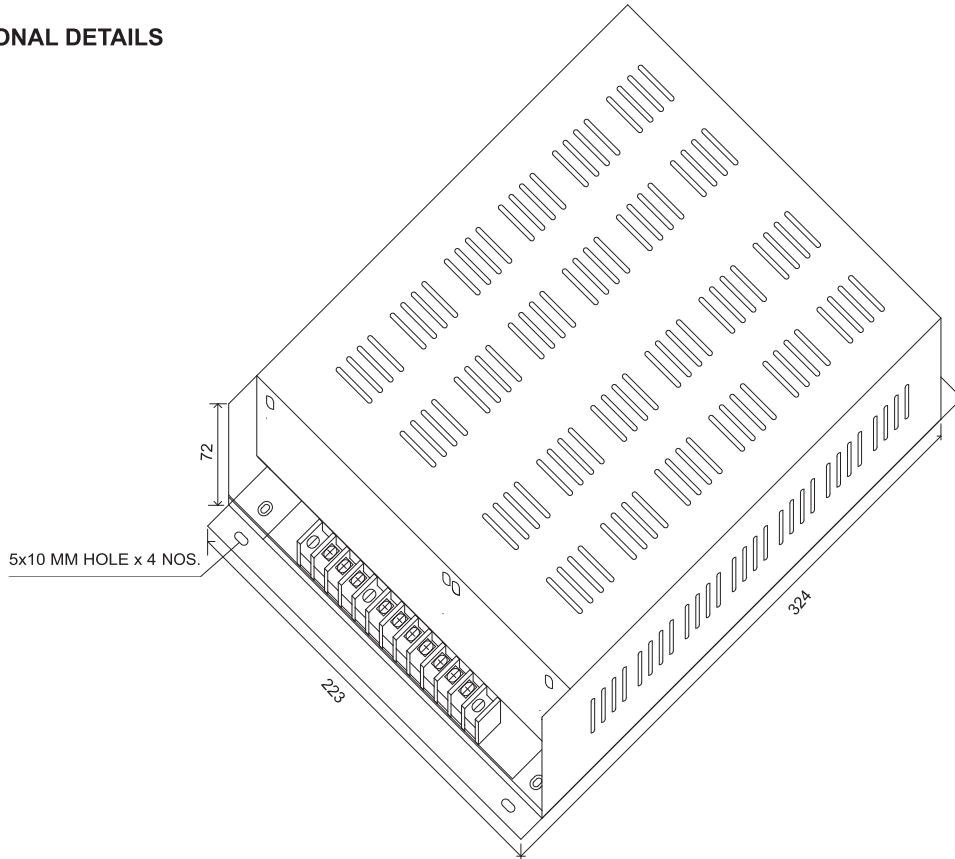
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DIMENSIONAL DETAILS



SMPS | DC DC Converters | Adapters | PoE Injectors & Splitters | Battery chargers | Battery Backup Systems
 LED Drivers | OVP | AVR | Relay I/O Modules | Protection Relays | Surge Protectors | Inverters | Fan Controllers