Lead Acid Battery Charger



Model P-IN1504000 12 Volt Lead Acid Charger

- Overload and short circuit protection
- 14.6V 4A 3 Stage Charger
- LED Charge Indicator
- CE and Safety Approvals





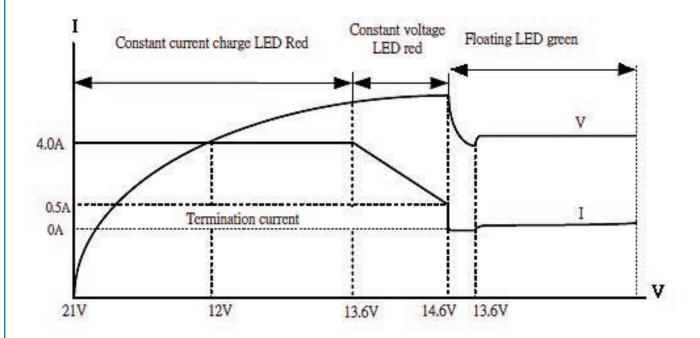
Electrical Specification	
INPUT	
Input Voltage	90-264 VAC wide input
Input Current	1.5A max Vin 90VAC, rated load
Input Frequency	47-63 Hz
No Load Power Consumption	0.5W
OUTPUT	On an art Vallana 40 CV 10 CV 0 ar Vallana Ormant Observa Orman
Charging Output Voltage	Open cct Voltage 13.6V ±0.2V. See Voltage Current Charge Curves
Output Current	4A ±0.2A. See Voltage Current Charge Curves
Output Power	58 Watts
Efficiency	≥80%
Line Regulation	±2% Max
Load Regulation	±5% Max
Turn on Delay	3 Seconds Max
Hold Up Time	8mS Min
PROTECTION	
Overload Protection	Hiccup mode with auto recovery
Short Circuit Protection	Capable of withstanding continuous short circuit with auto recovery
Input Protection	Internal 3.15A fuse
ENVIRONMENTAL	
Operating Temperature	-20 to +40°C full load normal operation
Storage Temperature	-40 to +70°C
Cooling	Convection
Operation Humidity	20 to 90% non condensing
Storage Humidity	20 to 90% non condensing
Drop Test	Product dropped from height of 90cm onto dry wood surface will not be
DIOD Test	broken and pass insulation test $10M\Omega$
	proven and bass insulation test 101/117
MECHANICAL	
Dimensions	153 x 60 x 36.5mm
Weight	Approx 420 grams
SAFETY	CE, TUV, UL cUL,
Hi Pot Test	3000VAC 5mA for 1 minute
Insulation Resistance	Primary to secondary 10Mohms min at 500V DC
EMC	
Meets the following standards	FCC Part 15B (Class B)
	AS/NZS CISPR 22 (Class B)
	EN5022 (Class B)

Email: sales@powersolve.co.uk

Lead Acid Battery Charger POWER SOLVE

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Voltage & Current Charging Curves



- 1. Charge Voltage Max 14.6V ±0.2V
- 2. Charge Voltage Min 10.5V
- 3. Charge Current Max 4A ±0.2A
- 4. Loading 12V x 1C Lead Acid Battery
- 5. Terminate Charge LED turns Green when current ≤500mA

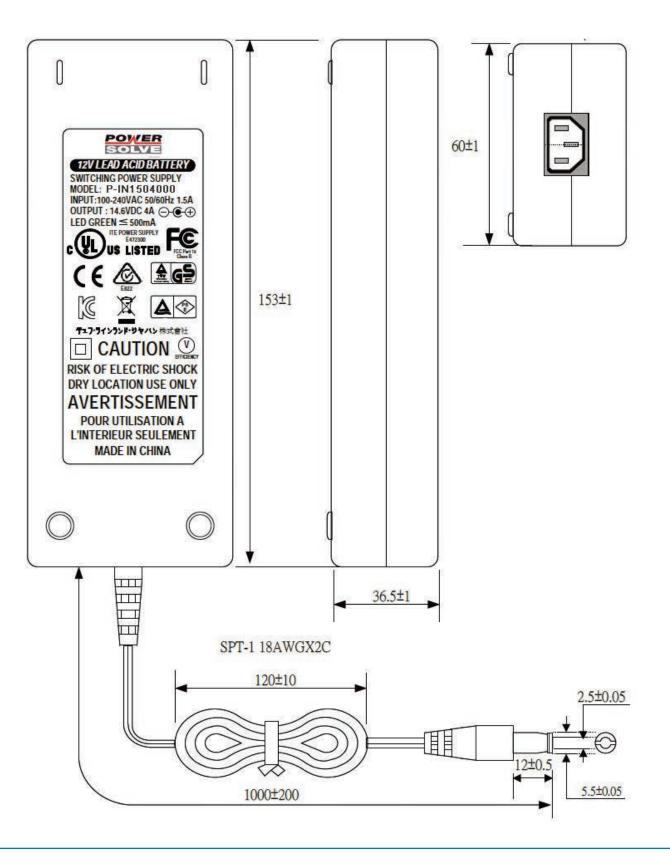
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Mechanical Drawing (dimensions in mm)



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