

THE GOODS INSIDE

Battery Charger	LFP Batteries it Can Charge	SLA Batteries it Can Charge
12V 4 amp LFP 3 Stage Charger	6Ah to 40Ah LFP	12Ah to 40Ah SLA

Input Voltage	90Vac - 132Vac
Frequency	47Hz - 63Hz
Max. Input Current	1.5A at 90Vac
Inrush Current	30A at 115Vac input, (25°C)
No Load Operation	<0.5W at 115Vac

Output Requirements (Nominal)	
Bulk charging at constant current	4A
Constant voltage absorption stage voltage	14.6V
Constant voltage float stage voltage	13.6V

LED Display (Color / Charge Status)		
Red	Orange	Green
Fast Charging	Topping Charge	Fully Charged

AC Input	AC Input 2 pin IEC C8 Jack
DC Output	Automotive S-Connector
Input to Output	50Ω at 500VDC M
Input to Case	10Ω at 500VDC M
Safety Environmental Conditions	UL1310, FCC, CEC, Level 4

Operating	
Ambient Temperature	0°C ~ 40°C
Relative Humidity	20% ~ 90%
Altitude	Sea Level to 10,000 ft

Vibration	1.0mm, 10-25Hz, 15min per cycle for each axis (X,Y,Z)
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Cooling	Convection
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Non-Operating	
Ambient Temperature	-10°C ~ 80°C
Relative Humidity	5% ~ 90%
Altitude	Sea Level to 10,000 ft

Vibration & Shock	Power supply is designed to withstand normal transportation vibration per MIL-STD-810D, method 514 and procedures X.
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ENGINEERED FOR:



ATV & UTV



Battery Backup



Ice Fishing & Hunting



Industrial



Lighting



Medical



Security



Solar

3 STAGES:



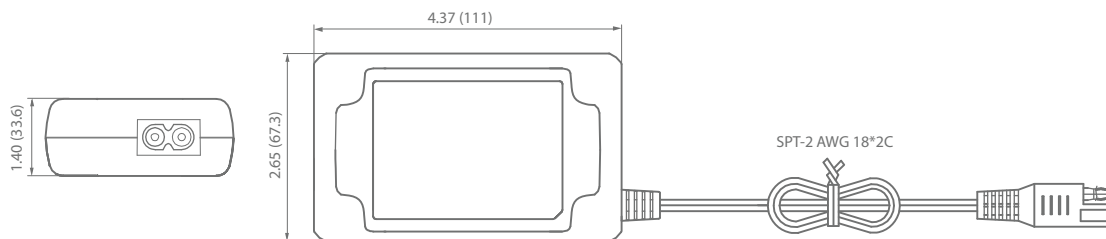
Over Current Protection

Short Circuit Protection

Over Voltage Protection

DIMENSIONS

L: 4.37 in (111 mm)
W: 2.65 in (67.3 mm)
H: 1.40 in (33.6 mm)
W: 0.9 lbs
 Tolerances are +/- 0.04 in. (+/- 1mm) and +/- 0.08 in. (+/- 2mm) for height dimensions. All data subject to change without notice.



universal battery® **MAINTAINER 4000**

Universal Power Group

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