



For Use With:



STAY CHARGED WITH UNIVERSAL BATTERY® MAINTAINER 4000

Why universal battery® Maintainer 4000?

Custom-engineered to charge and maintain LiFePO4 (LFP), AGM and Nano-Silica sealed lead-acid batteries. Universal Battery® Maintainer 4000 ensures you get the best performance from your batteries by efficiently charging, maintaining, and prolonging battery life.

At UPG, we are deeply committed to always delivering the best in quality, performance and customer experience.

Stay charged. Stay powered.



THE GOODS INSIDE

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	
Weight	0.9 lbs	
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)		
Cooling	Convection	
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.		

ENGINEERED FOR:



ATV & UTV



Battery Backup



Ice Fishing & Hunting



Industrial



Lighting



Medical

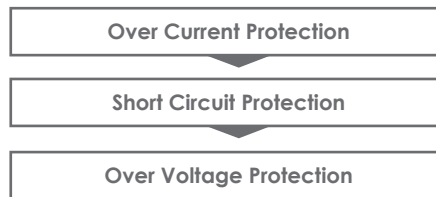


Security



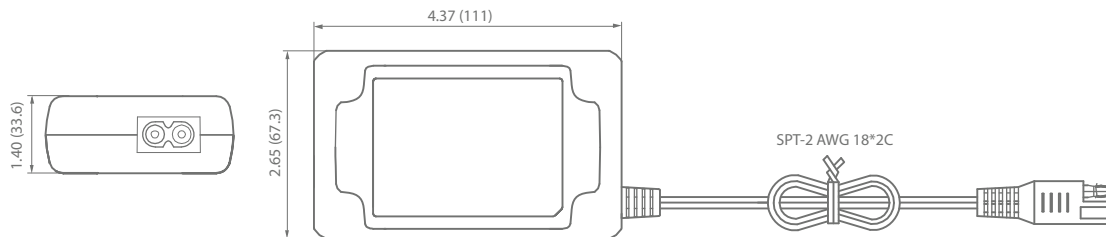
Solar

3 STAGES:



DIMENSIONS

L: 4.37 in (111 mm)
 W: 2.65 in (67.3 mm)
 H: 1.40 in (33.6 mm)
 Wt: 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**

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Due to continuous improvements to our products, product specifications and images may vary slightly from depiction.