



UPG
STAY POWERED™

Charger & Maintainer

Short Circuit Protection, Over Current Protection, Over Voltage Protection, and Polarity Reversal

UPG No. 71704

24BC5000TF-1

3-Stage Switch Mode Charger Fan Cooled Charger
for AGM Sealed Lead-Acid Batteries

Specification

Input Voltage	100VAC - 240VAC
Input Frequency	50Hz - 60Hz
Output Voltage	
Bulk Charge	29.4VDC +/- 0.5VDC
Float Charge	27.4VDC +/- 0.5VDC
Output Current	
Bulk Charge	5A +/- 0.5A
Float Charge	(<) 1.2A
Over - Voltage Protection	(>) 30VDC
Over - Current Protection	(>) 5.5A
Low Voltage Turn-On	(>)16VDC + 2V
Input Power (Watts)	(<) 180 Watts
Input Standby Power (Watts)	(<) 8 Watts
Efficiency	80%
Battery Size Range	12AH - 50AH
Dielectric Withstand Voltage	2.1KV for 1min. @ 3.5mA
Insulation Resistance	50M Ω min. @ 500VDC, Input to Output
Operating Temperature	-10°C ~+ 40°C
Storage Temperature	-10°C ~+ 80°C
Connector	3 Pin D (XLR), Pin 1 (+) / Pin 2 & 3 (ground)
Standards	UL1012, CUL, FCC Part 15- Class B
	Certified as wheelchair charger



LED Status Indication

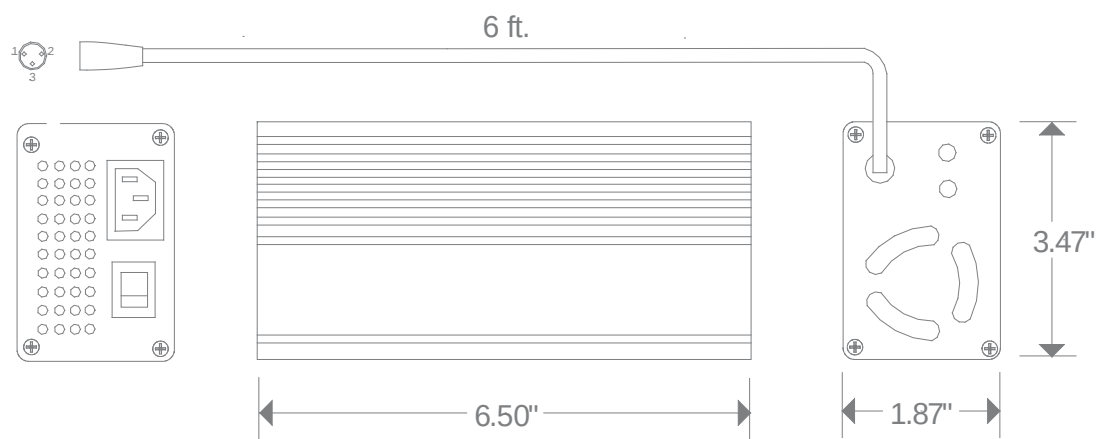
LED 1: Red Color - Power ON

LED 2: Dual Color

Fast Charge - Red

Float Charge - Green

Dimensions: mm (inch)



Note: 1) Charger supplied with 5 ft. AC 3-prong cord
2) Case material - Aluminum

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