



Description

SPC24-2 is an automatic battery charger with a standard XLR connector, best suited for home medical equipment, wheelchairs, scooters, mobility and other applications. The charger works best with batteries rated between 7 Amp and 22 Amp. SPC24-2 comes with 1 year warranty and is overseas ready.

General Characteristics

Over Load Protection	<3A
Short Circuit Protection	Within 5sec.
Reversed Polarity Protection	Prohibit
Operating Temperature	0°C(32°F) to 40°C(104°F)
Storage Temperature	-30°C(-22°F) to 85°C(185°F)
Operating Relative Humidity	8% to 90%
Storage Relative Humidity	5% to 95%

Applications

- Sealed Lead Acid Battery

Input

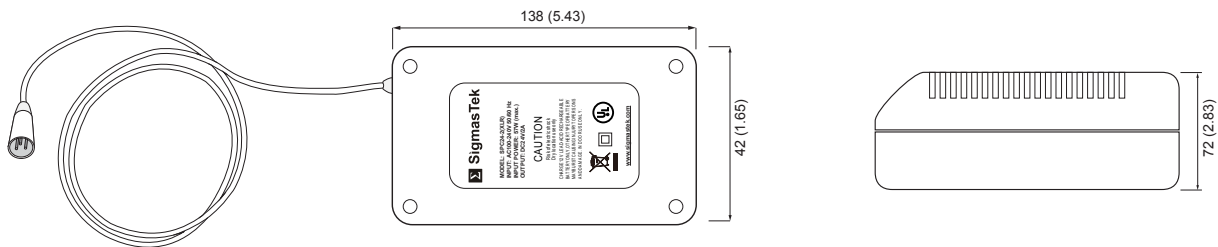
AC Input Voltage Range	90Vac to 264Vac
AC Input Voltage Rating	100Vac to 240Vac
AC Input Frequency	50/60Hz
AC Input Current	0.9A@115Vac / 0.53A@230Vac
AC Input Power	57W (max.)
AC Input Static State Current	40mA (max.)

Output

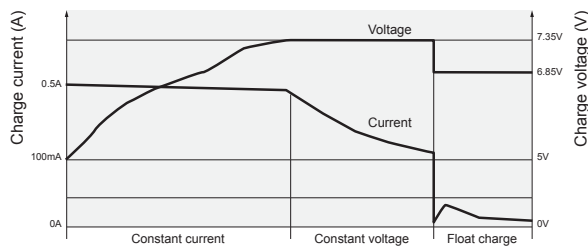
Output Voltage Range	20Vdc to 30Vdc
Output Current	1.8A@24Vdc (±10%)
Output Power	56.4W (max.)
Bulk Charge Current Rating	1.8A
Bulk Charge Voltage Rating	29.4Vdc (±0.6Vdc)
Float Charge Voltage Rating	27.45Vdc (±0.45Vdc)
Light Switching Current	350mA (±100mA)

Dimensions (mm/inch)

XLR Terminal Type	Length	Width	Height	Weight
3-Pin	138 / 5.43	72 / 2.83	42 / 1.65	0.47kg / 1.04lb



Charger Characteristics



Indicator Status

- Green LED on - Empty Load or Float Charge
- Red LED on - Bulk Charge

Contact Information

SigmasTek
7651 W 100th Place
Bridgeview, IL 60455, USA

T: (888) 988-8290
www.sigmastek.com
order@sigmastek.com