

Description

SPC24-3 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 12 Amp and 30 Amp. SPC24-3 comes with 1 year warranty and is overseas ready.



General Characteristics

Over Load Protection	<3.3A
Short Circuit Protection	Enable
Reversed Polarity Protection	Enable
Operating Temperature	0°C(32°F) to 40°C(104°F)
Storage Temperature	-40°C(-40°F) to 70°C(158°F)
Operating Relative Humidity	20% to 90%
Storage Relative Humidity	10% to 95%

Applications

- Sealed Lead Acid Battery



Input

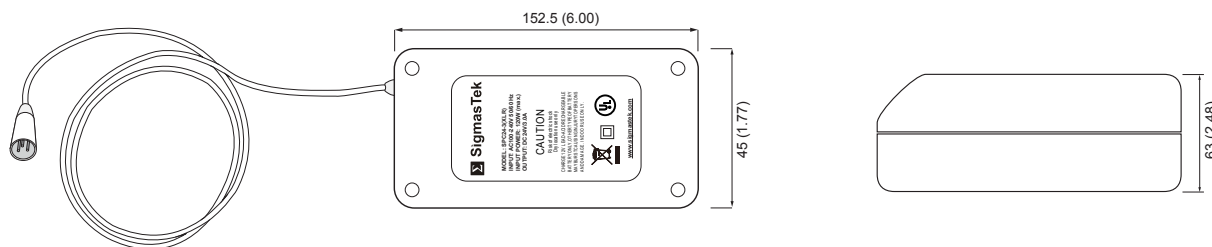
AC Input Voltage Range	90 to 264Vac
AC Input Voltage Rating	100 to 240Vac
AC Input Frequency	50/60Hz
AC Input Current	0.8A@220Vac
AC Input Power	120W (max.)
AC Input Static State Current	1.07A (max.)

Output

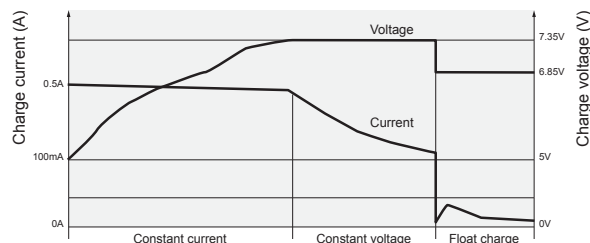
Output Voltage Range	20Vdc to 30Vdc
Output Current	3A@24Vdc (±10%)
Output Power	90W (max.)
Bulk Charge Current Rating	3A
Bulk Charge Voltage Rating	29.1Vdc (±0.3Vdc)
Float Charge Voltage Rating	27.3Vdc (±0.30Vdc)
Light Switching Current	<600mA (±200mA)

Dimensions (mm/inch)

XLR Terminal Type	Length	Width	Height	Weight
3-Pin	152.5 / 6.00	63 / 2.48	45 / 1.77	0.56kg / 1.23lb



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