

### Description

SPC24-8 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 40 Amp and 80 Amp. SPC24-8 comes with 1 year warranty and is overseas ready.



### General Characteristics

Over Load Protection	<8.8A
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

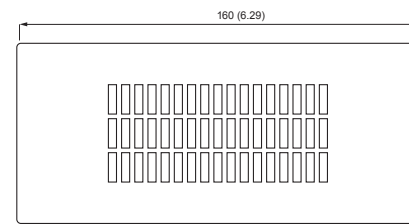
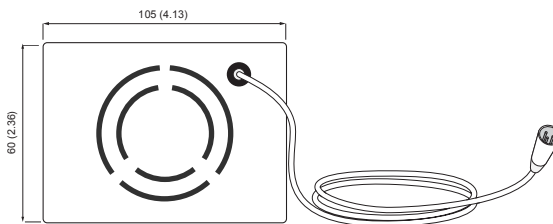
AC Input Voltage Range	90 to 132Vac
AC Input Voltage Rating	100 to 120Vac
AC Input Frequency	50/60Hz
AC Input Current	2A@220Vac
AC Input Power	360W (max.)
AC Input Static State Current	2.86A (max.)

### Output

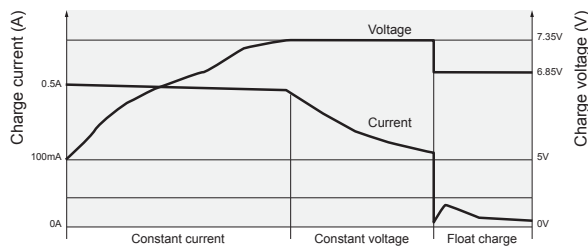
Output Voltage Range	20Vdc to 30Vdc
Output Current	8A@24Vdc (±10%)
Output Power	240W (max.)
Bulk Charge Current Rating	8A
Bulk Charge Voltage Rating	29.1Vdc (±0.3Vdc)
Float Charge Voltage Rating	27.3Vdc (±0.30Vdc)
Light Switching Current	<1.6A (±200mA)

### Dimensions (mm/inch)

XLR Terminal Type	Length	Width	Height	Weight
3-Pin	160 / 6.29	105 / 4.13	60 / 2.36	1.60kg / 3.53lb



### 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