

### Description

SPC12-2 is an automatic battery charger with a standard AC connector, best suited for home medical equipment, wheelchairs, scooters, mobility and other applications. The charger works best with batteries rated between 8 Amp and 13 Amp. SPC12-2 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

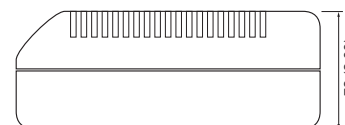
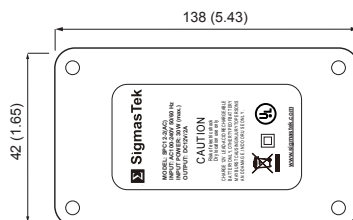
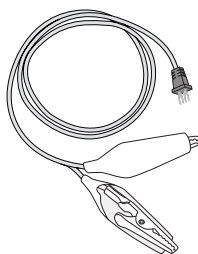
AC Input Voltage Range	90Vac to 264Vac
AC Input Voltage Rating	100Vac to 240Vac
AC Input Frequency	50/60Hz
AC Input Current	0.5A@115Vac / 0.26A@230Vac
AC Input Power	30W (max.)
AC Input Static State Current	35mA (max.)

### Output

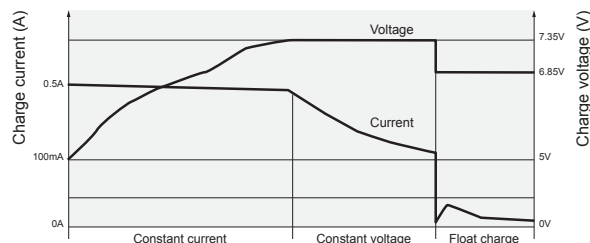
Output Voltage Range	10Vdc to 15Vdc
Output Current	2A@12Vdc (±10%)
Output Power	28W (max.)
Bulk Charge Current Rating	2A
Bulk Charge Voltage Rating	14.7Vdc (±0.3Vdc)
Float Charge Voltage Rating	13.7Vdc (±0.2Vdc)
Light Switching Current	400mA (±100mA)

### Dimensions (mm/inch)

AC Terminal Type	Length	Width	Height	Weight
Alligator Clips	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