

### Description

SPC12-1 is an automatic battery charger, best suited for home medical equipment, wheelchairs, scooters, mobility and other applications. The charger works best with batteries rated between 1 Amp and 3.5 Amp. SPC12-1 comes with 1 year warranty and is overseas ready.



### General Characteristics

Over Load Protection	<1.5A
Short Circuit Protection	Enable
Reversed Polarity Protection	Enable
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

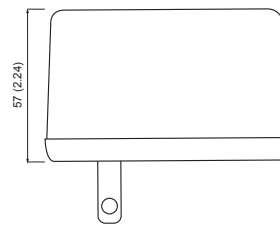
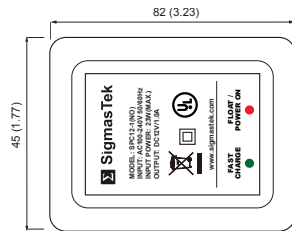
AC Input Voltage Range	90Vac to 264Vac
AC Input Voltage Rating	100Vac to 240Vac
AC Input Frequency	50/60Hz
AC Input Current	0.3A@115Vac / 0.19A@230Vac
AC Input Power	23W (max.)
AC Input Static State Current	30mA (max.)

### Output

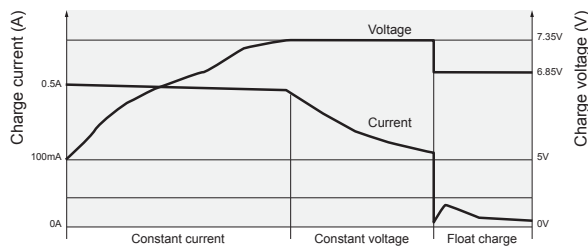
Output Voltage Range	10Vdc to 15Vdc
Output Current	1A@12Vdc (±10%)
Output Power	14.5W (max.)
Bulk Charge Current Rating	1A
Bulk Charge Voltage Rating	14.7Vdc (±0.3Vdc)
Float Charge Voltage Rating	13.5V - 13.95Vdc
Light Switching Current	200mA (±50mA)

### Dimensions (mm/inch)

Length	Width	Height	Weight
82 / 3.23	57 / 2.24	45 / 1.77	0.20kg / 0.45lb



### 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