



# PSC-12500A-C 12V 0.5A

Sealed Lead Acid Battery Charger  
A-C Battery Charger Series

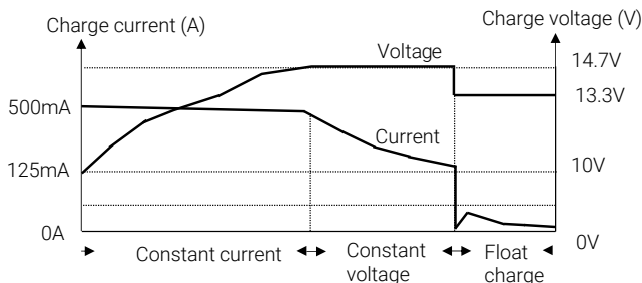
### FEATURES

- Universal input voltage range 10VAC - 240VAC
- Automatic, current sensing dual-rate charging for efficient, care-free and safe operation
- LED indicators
- Alligator clip connectors with insulated sleeves

### APPROVALS

- Approved for transport by air. D.O.T., I.A.T.A., F.A.A. and C.A.B. certified
- ISO9001:2015 – Quality management systems
- ETL
- DOE
- FCC
- CE

### CHARGER CHARACTERISTICS



**GLOBAL HEADQUARTERS**  
(USA AND INTERNATIONAL EXCLUDING EMEA)  
**Power-Sonic Corporation**  
365 Cabela Dr Suite 300,  
Reno, Nevada 89523  
USA  
T: +1 619 661 2020  
E: customer-service@power-sonic.com

**POWER-SONIC EMEA**  
(EMEA – EUROPE, MIDDLE EAST AND AFRICA)  
Smitspol 4, 3861 RS Nijkerk,  
The Netherlands  
T NL: + 31 33 7410 700  
T UK: + 44 1268 560 686  
T FR: + 33 344 32 18 17  
E: salesEMEA@power-sonic.com

### PERFORMANCE SPECIFICATIONS

#### Input Specs

AC input voltage rating	100Vac-240Vac
AC input frequency	47Hz-63Hz
AC input current	0.14A@115Vac/0.1A@230Vac
AC input power	13W
AC static state current	50mA

#### Output Specs

Output voltage range	10-15Vdc
Output current	500mA@12Vdc
Output power	7.5W
Bulk charge current rating	500mA
Bulk charge voltage rating	14.7Vdc
Float charge voltage rating	13.3Vdc
Light switching current	125mA
Charging capacity range	2Ah to 5Ah

#### General Specs

Efficiency	0.68
Over load protection	<1A
Short circuit protection	Yes
Reversed polarity connectors protection	Yes
Operating temperature	0°C-40°C
Storage temperature	-30°C-85°C
Net weight	90g
Dimensions	80*50*57mm
Enclosure	Plastic Case
Application	Indoor
Charger type	Wall mounting
Plug type	Type A (NEMA 1 - 15)

#### Safety Specs

Withstand voltage (Hi-Pot)	3000Vac ≤ 10mA (60s)
Insulation resistance	>100MΩ @500Vdc
Safety standard	ETL
Compliance	FCC

#### LED Indicator Status

Green LED on	No load or float charge
Red LED on	Fast charge

### FURTHER INFORMATION

Please refer to our website [www.power-sonic.com](http://www.power-sonic.com) for a complete range of useful downloads, such as product catalogs, material safety data sheets (MSDS), ISO certification, etc.