



Intertek

# PSC-121000ACX 12V 1A

Sealed Lead Acid Battery Charger  
ACX Battery Charger Series

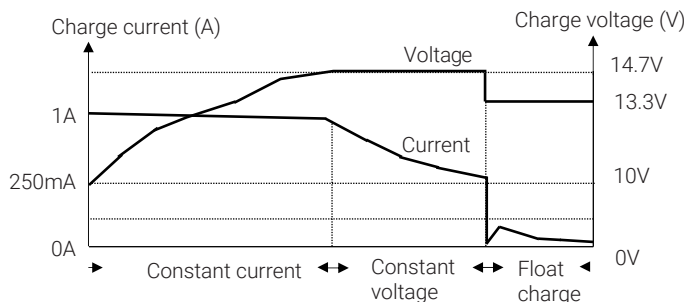
## FEATURES

- Universal input voltage range 90VAC - 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
- FCC
- CE
- DOE

## CHARGER CHARACTERISTICS



## GLOBAL HEADQUARTERS (USA AND INTERNATIONAL EXCLUDING EMEA)

**Power-Sonic Corporation**  
365 Cabela Dr Suite 300,  
Reno, Nevada 89439  
USA  
T: +1 775 824 6500  
E: customer-service@power-sonic.com

## POWER-SONIC EMEA (EMEA – EUROPE, MIDDLE EAST AND AFRICA)

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## PERFORMANCE SPECIFICATIONS

### Input Specs

AC input voltage rating	100Vac-240Vac
AC input frequency	50Hz-60Hz
AC input voltage range	90Vac-240Vac
AC input frequency range	47Hz-63Hz
AC input current	0.3A@115Vac/0.19A@230Vac
AC input power	23W
AC static state current	50mA

### Output Specs

Output voltage range	10-15Vdc
Output power	15W
Bulk charge current rating	1A@12Vdc
Bulk charge voltage rating	14.7Vdc
Float charge voltage rating	13.3Vdc
Light switching current	250mA
Charging capacity range	5Ah to 12Ah

### General Specs

Efficiency	68%
Over load protection	<1.5A
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 x 50 x 57mm
Enclosure	Plastic Case
Application	Indoor
Charger type	Wall mounting

### Safety Specs

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

### LED Indicator Status

Green - Float charge	Green Flash - Power on and empty load
Red - Bulk charge	Red Flash - Short or reversed polarity

## MODELS - INPUT PLUGS & CONNECTIONS

Part Number	Input Plug	Output Connection
PSC121000ACX-US	NEMA-A	Alligator Clips
PSC121000ACX-EU	CEE-C	Alligator Clips
PSC121000ACX-UK	BS-G	Alligator Clips
PSC121000PS-US	NEMA-A	Alligator/Ring Clips
PSC121000PS-EU	CEE-C	Alligator/Ring Clips
PSC121000PS-UK	BS-G	Alligator/Ring Clips

## 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, safety data sheets, ISO certification, etc.