



PSC-121000ACX 12V 1A

Sealed Lead Acid Battery Charger
ACX Battery Charger Series

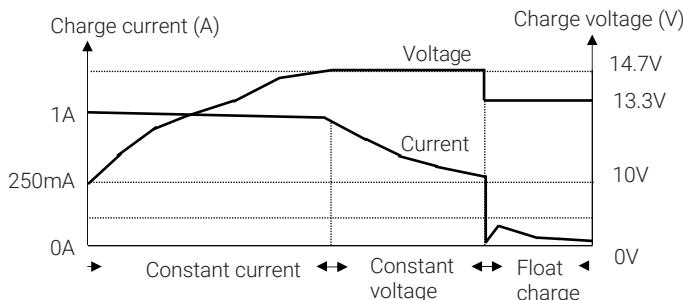
FEATURES

- 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)

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

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 for a complete range of useful downloads, such as product catalogs, safety data sheets, ISO certification, etc.