



PSC-12500ACX 12V 0.5A

Sealed Lead Acid Battery Charger
ACX Battery Charger Series

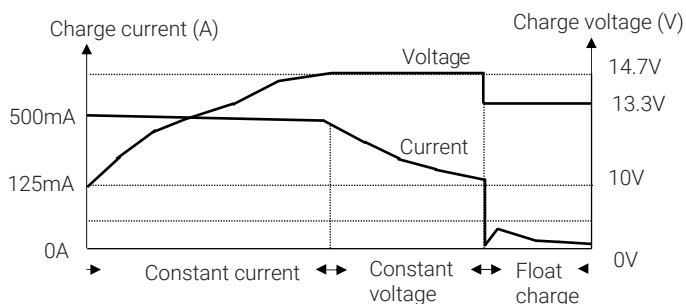
FEATURES

- 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
- DOE
- FCC
- CE

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 rating	50Hz-60Hz
AC input voltage range	90Vac-240Vac
AC input frequency range	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	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

Safety Specs

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

LED Indicator Status

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

INPUT PLUGS & OUTPUT

Part Number	Input Plug	Output Connection
PSC12500ACX-US	NEMA-A	Alligator Clips
PSC12500ACX-EU	CEE-C	Alligator Clips
PSC12500ACX-UK	BS-G	Alligator 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.