



# PSC-6500ACX 6V 0.5A

Sealed Lead Acid Battery Charger  
ACX Battery Charger Series

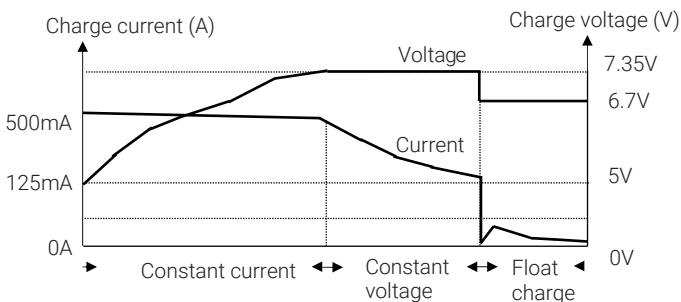
## FEATURES

- 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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### 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 rating	50Hz-60Hz
AC input voltage range	90Vac-240Vac
AC input frequency range	47Hz-63Hz
AC input current	0.1@115Vac/0.07a@230Vac
AC input power	5.6W
AC static state current	20mA

### Output Specs

Output voltage range	5.0-7.5Vdc
Output current	0.5A@6Vdc
Output power	3.8W
Bulk charge current rating	0.5A
Bulk charge voltage rating	7.35Vdc
Float charge voltage rating	6.7Vdc
Light switching current	125mA
Charging capacity range	2Ah to 5Ah

### General Specs

Efficiency	60%
Over load protection	<0.75A
Short circuit protection	Yes
Reversed polarity connectors protection	Yes
Operating temperature	0°C-40°C
Storage temperature	-30°C-85°C
Net weight	100g
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	CE/ETL UL1310
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
PSC6500ACX-US	NEMA-A	Alligator Clips
PSC6500ACX-EU	CEE-C	Alligator Clips
PSC6500ACX-UK	BS-G	Alligator 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.