POWER**PS**SONIC
TRUSTED BATTERY SOLUTIONS

KEEPING YOU IN CHARGE

PSC-61000A-C 6V 1A

Sealed Lead Acid Battery Charger
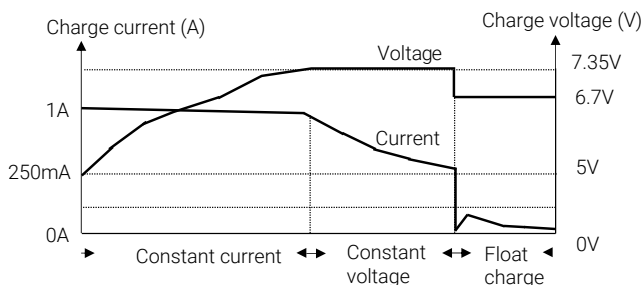## A-C Battery Charger Series

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

Charge current (A) / Charge voltage (V)

- Voltage — 7.35V, 6.7V
- Current
- 1A, 250mA, 0A
- 5V, 0V
- Constant current ⟷ Constant voltage ⟷ Float charge

PERFORMANCE SPECIFICATIONS

Input Specs

AC input voltage rating	100Vac-240Vac
AC input frequency	47Hz-63Hz
AC input current	0.16A@115Vac/0.11A@230Vac
AC input power	13.5W
AC static state current	30mA

Output Specs

Output voltage range	5-7.5Vdc
Output current	1A-6Vdc
Output power	7.8W
Bulk charge current rating	1A
Bulk charge voltage rating	7.35Vdc
Float charge voltage rating	6.7Vdc
Light switching current	250mA
Charging capacity range	5Ah to 12Ah

General Specs

Efficiency	0.58
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*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

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FURTHER INFORMATION

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

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