POWER PS SONIC
TRUSTED BATTERY SOLUTIONS

KEEPING YOU IN CHARGE

PSC-122000ACX 12V 2A

Sealed Lead Acid Battery Charger
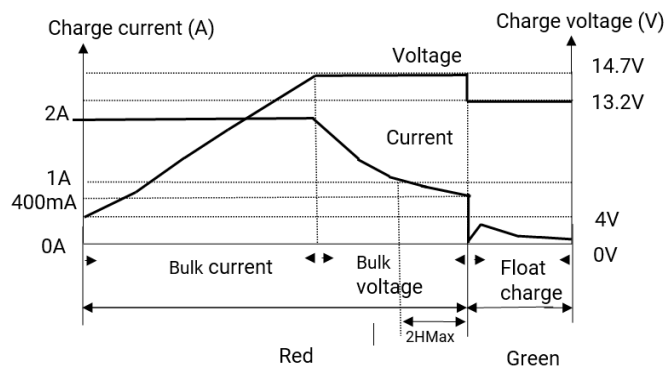ACX Battery Charger Series

FEATURES

- Universal input voltage range 90VAC - 240VAC

- Automatic, current sensing dual-rate charging for efficient, care-free and safe operation

- LED indicators

- Universal leads & plugs

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

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	3.0A@115Vac/1.8A@230Vac
AC input power	40W
AC static state current	0.50A

Output Specs

Output voltage range	4-15Vdc
Output power	30W
Bulk charge current rating	2A@12Vdc
Bulk charge voltage rating	14.7Vdc
Float charge voltage rating	13.2Vdc
Light switching current	0.40A

General Specs

Efficiency	78%
Over load protection	<3A
Short circuit protection	Yes
Reversed polarity connectors protection	Yes
Operating temperature	0°C-40°C
Storage temperature	-30°C-85°C
Net weight	600g
Dimensions	154*72*47mm
Enclosure	Plastic Case
Application	Indoor
Charger type	Wall mounting

Safety Specs

Withstand voltage (Hi-Pot)	3000Vac ≤ 10mA (60s)
Insulation resistance	>100MΩ @500Vdc
Safety standard	UL1012/CSA/CE Class B
Compliance	FCC,ETL,DOE,CE

Indicator

Green - Float or empty load	Yellow Flash - Short or Reversed Polarity
Yellow - Bulk charge	
Red - Power on	

MODELS - INPUT PLUGS & CONNECTIONS

Part Number	Input Plug	Output Connection
PSC122000ACX-US	NEMA-A	Alligator Clips
PSC122000ACX-EU	CEE-C	Alligator Clips
PSC122000ACX-UK	BS-G	Alligator Clips
PSC122000PS-US	NEMA-A	Alligator/Ring Clips
PSC122000PS-EU	CEE-C	Alligator/Ring Clips
PSC122000PS-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.

power-sonic.com

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