PS-AUX14

Auxiliary AGM
Start-Stop Auxiliary - AGMs

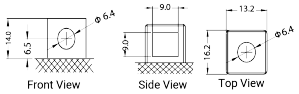
Auxiliary AGM batteries built for modern vehicles with start stop and heavy accessory loads. Stable voltage supports infotainment, ADAS, and comfort systems when the engine is off.

Performance Specs

Nominal Voltage	12.0 Volts, (6.0 cells)
Nominal Capacity	
20-hr. 13.0Ah (A to Volts)	Ah
10-hr. 13.0Ah (1.3A to 10.5 Volts)	13.0Ah
5-hr. Ah (A to Volts)	Ah
1-hr. Ah (A to Volts)	Ah
Approximate Weight	9.92lbs, (4.5kg)
VDS Weight	lbs, (kg)
Dimensions +/- 0.08 in. (+/- 2mm) for length, width, and height dimensions	**L:** 5.91in, 150.0mm **W:** 3.42in, 87.0mm **H:** 5.71in, 145.0mm **TH:** 5.71in, 145.0mm
Internal Resistance (approx.) mΩ	mΩ
Max Short Circuit Discharge Current	A
Operating Temperature Range	
Charge	5°F (-15°C) to 104°F (40°C)
Discharge	-4°F (-20°C) to 122°F (50°C)
Case	ABS Plastic Rated to UL94:HB
Recommended Power-Sonic Charger	PSC-122000ACX

Configuration Options

Available Terminals (mm)

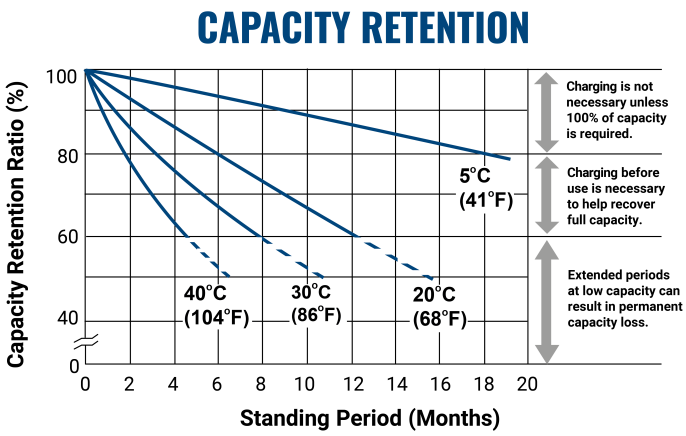


Phone (US): (775) 825-6500
Phone (EMEA): +31 33 7410 700
Email (US): Sales@Power-Sonic.com
Email (EMEA): SalesEMEA@Power-Sonic.com
www.power-sonic.com

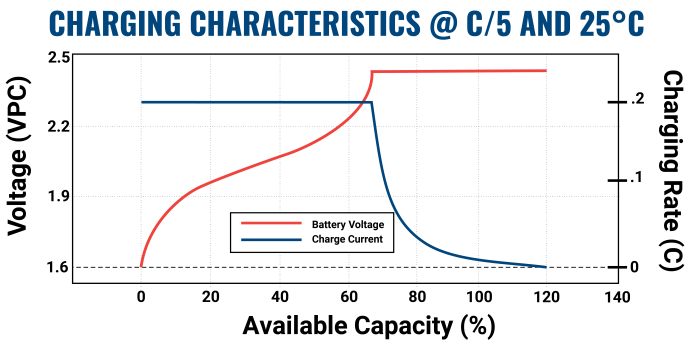
Updated 10/24/2025 4:30 AM **Version 1.0**

Graphs

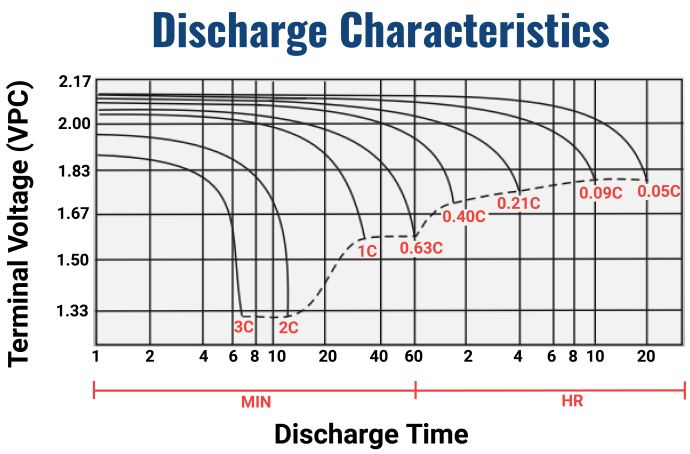
Capacity Retention SLA



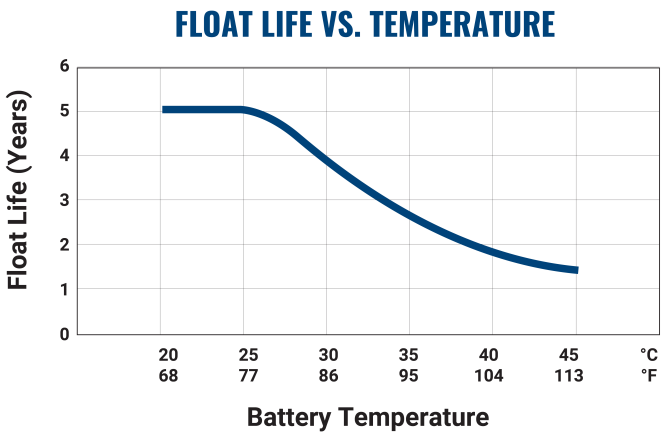
SLA Charging



SLA Discharge Rates



SLA Float Life 5YR



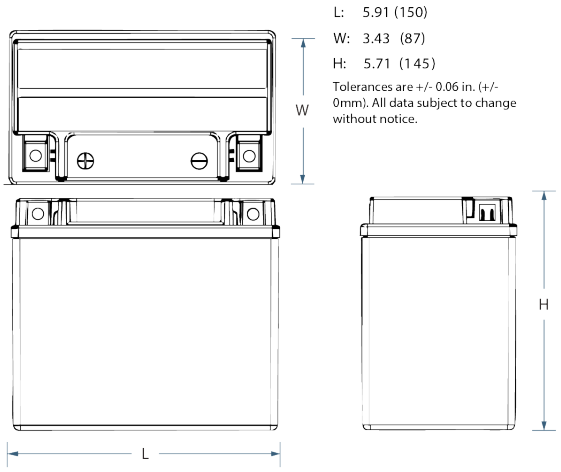
Phone (US): (775) 825-6500
Phone (EMEA): +31 33 7410 700
Email (US): Sales@Power-Sonic.com
Email (EMEA): SalesEMEA@Power-Sonic.com
www.power-sonic.com

Updated 10/24/2025 4:30 AM **Version 1.0**

Charging

Cycle Applications: Apply constant voltage charge at 2.35VPC – 2.45VPC (14.1 to 14.7 volts for 12V Monobloc) at 20°C. The initial charging current should be set at less than C/5 Amps. Switch to float charge when the current falls to a 3% capacity rate to avoid overcharging. Stand-By or "Float" Service: Apply constant voltage charge of 2.25VPC – 2.30VPC (13.5 to 13.8 volts for 12V Monobloc) at 20°C. When held at this voltage, the battery will seek its own current level and maintain itself in a fully charged condition. Temperature Compensation: Charging voltage for both cyclic and stand-by applications should be regulated in relation to ambient temperature. As temperature rises, charging voltage should be reduced to prevent overcharge and increased as the temperature falls to avoid undercharge. For further charging information, including temperature compensation factors, see the Power-Sonic Technical Manual.

Engineering Drawing



For 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.

Approvals

ISO 9001:2015 certification ensures consistent quality management and manufacturing standards for energy storage products.

California Proposition 65 compliant, providing consumer safety through reduced chemical exposure in battery manufacturing.

Sealed lead-acid batteries classified UN2800 non-spillable, certified safe for air, sea, and ground transport worldwide.

UL Recognized mark certifies safety-tested components for electrical reliability in battery and energy storage systems.

Phone (US): (775) 825-6500
Phone (EMEA): +31 33 7410 700
Email (US): Sales@Power-Sonic.com
Email (EMEA): SalesEMEA@Power-Sonic.com
www.power-sonic.com

Updated 10/24/2025 4:30 AM **Version 1.0**