



PS-1250

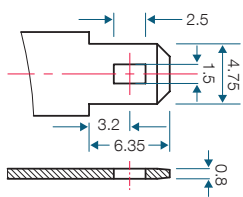
12V 5.0 AH @ 20-hr.
12V 4.6 AH @ 10-hr.

Rechargeable Sealed Lead Acid Battery

PS – General Purpose Series

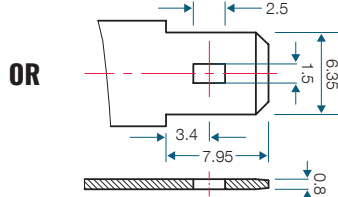
TERMINALS: (mm)

F1: Quick disconnect tabs,
0.187" x 0.032" – Mate with
AMP. INC. FASTON "187" series



Torque – Not Applicable

F2: Quick disconnect tabs,
0.250" x 0.032" – Mate with
AMP. INC FASTON "250" series



Torque – Not Applicable

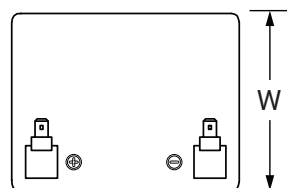
FEATURES

- Absorbent Glass Mat (AGM) technology for superior performance
- Valve regulated, maintenance free spill proof construction
- Power/volume ratio yielding excellent energy density
- Rugged vibration and impact resistant ABS case and cover
- Gas recombination technology
- 5 year design life

APPROVALS

- Approved for transport by air. D.O.T., I.A.T.A., F.A.A. and C.A.B. certified
- U.L. recognized
- ISO9001:2015 – Quality management systems

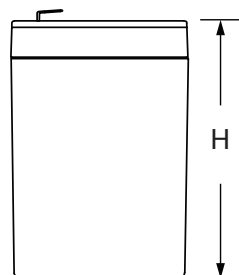
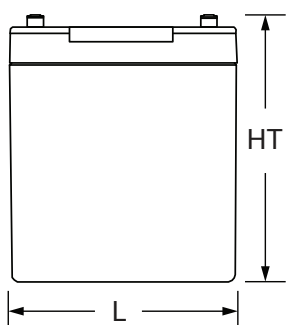
DIMENSIONS: inch (mm)



L: 3.54 (90)
W: 2.76 (70)
H: 3.98 (101)
HT: 4.21 (107)

Tolerances for L, W, and HT are +/- 0.04 in. (+/- 1mm)

Tolerances for H dimensions are + 0.08 (+ 2mm) and -0.04 in. (- 1mm) All data subject to change without notice.



PERFORMANCE SPECIFICATIONS

Nominal Voltage	12 volts (6 cells)
Nominal Capacity	
20-hr. (0.250A, 10.5V)	5.00 AH
10-hr. (0.465A, 10.5V)	4.65 AH
5-hr. (0.850A, 10.5V)	4.25 AH
1-hr. (2.96A, 9.6V)	2.96 AH
Approximate Weight	3.06 lbs. (1.39 kg)
Internal Resistance (approx.)	48.0 milliohms
Max Short-Duration Discharge Current (5 Sec.)	75.0 amperes
Shelf Life	
PS series batteries may be stored for up to 6 months at 25 C(77 F) and then a freshening charge is required. For higher temperatures the time interval will be shorter.	
Operating Temperature Range	
Charge	5°F (-15°C) to 122°F (50°C)
Discharge	-4°F (-20°C) to 140°F (60°C)
Case	ABS Plastic
Power Sonic Chargers	PSC-121000ACX

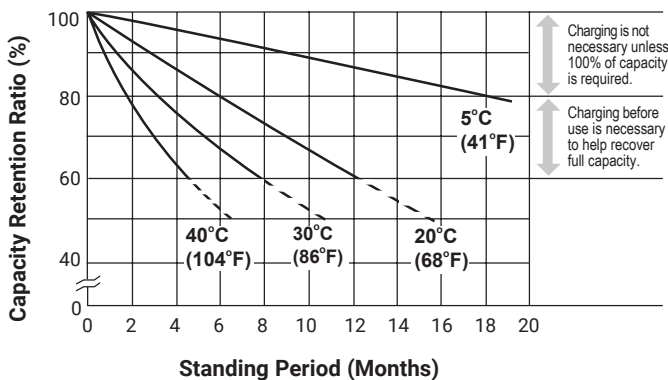
GLOBAL HEADQUARTERS
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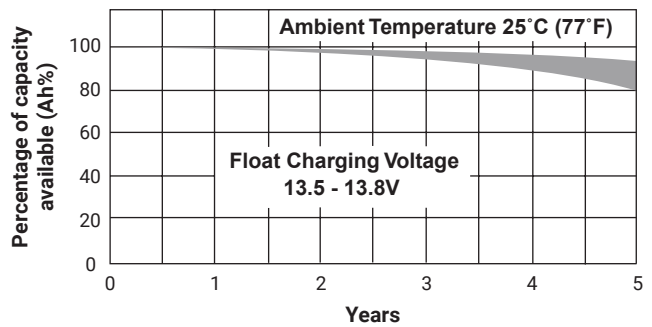
PS-1250 12V 5.0 AH @ 20-hr. 12V 4.6 AH @ 10-hr.

Rechargeable Sealed Lead Acid Battery
PS – General Purpose Series

SHELF LIFE & STORAGE



LIFE CHARACTERISTICS IN STAND-BY USE



CHARGING

Cycle Applications: Apply constant voltage charge at 14.4V – 15.0V at 25°C (77°F) Initial charging current should be set at less than 0.25C Amps. Switch to float charge to avoid overcharging.

“Float” or “Stand-By” Service: Apply constant voltage charge at 13.5V – 13.8V at 25°C (77°F) Initial charging current should be set at less than 0.25C Amps. 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 Standby applications should be regulated in relation to ambient temperature. As temperature rises charging voltage should be reduced to prevent overcharge and increased as temperature falls to avoid undercharge.

For further charging information including temperature compensation factors, see Power Sonic Technical Manual/ Power Sonic Charger specifications.

APPLICATIONS

- General purpose
- Medical
- Emergency lighting
- Fire and security

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CHARGERS

Power Sonic offers a wide range of chargers suitable for batteries with a variety of capacities.

Please refer to our website for more information on our switch mode and transformer type chargers.

Please contact our technical department for advice if you have difficulty in locating a suitable charger.

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.

