PS SERIES

REVISED 08/20

PS-12260 12V 26.0 AH @ 20-hr.
12V 24.7 AH @ 10-hr.

Rechargeable Sealed Lead Acid Battery
PS – General Purpose Series

TERMINALS: (mm)

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

NB1: Tin plated brass post with ‘Nut & Bolt’ fasteners

T12: Threaded insert with 5mm stud fastener

DIMENSIONS: inch (mm)

L: 6.56 (167)
W: 6.97 (177)
H: 4.92 (125)
HT: 4.92 (125)

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

FEATURES

• 5 year design life
• 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

APPROVALS

• U.L. recognized
• ISO9001:2015 – Quality management systems

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PERFORMANCE SPECIFICATIONS

Nominal Voltage 12 volts (6 cells)
Nominal Capacity
20-hr. (1.3A to 10.50 volts) 26.0 AH
10-hr. (2.47A to 10.50 volts) 24.7 AH
5-hr. (4.42A to 10.20 volts) 22.1 AH
1-hr. (15.8A to 9.60 volts) 15.8AH

Approximate Weight 17.60 lbs. (8.0 kg)
Internal Resistance (approx.) 11.0 milliohms
Max Short-Duration Discharge Current (5 Sec.) 390.0 amperes

Shelef Life (% of nominal capacity at 68°F (20°C)
1 Month 92%
3 Month 90%
6 Month 80%

Operating Temperature Range
Charge 5°F (-15°C) to 104°F (40°C)
Discharge 5°F (-15°C) to 122°F (50°C)

Case ABS Plastic

Power Sonic Chargers
PSC-124000-PC
PSC-124000A-C

www.power-sonic.com

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SHELF LIFE & STORAGE

CHARGING
Cycle Applications: Apply constant voltage charge at 2.35v/c – 2.45v/c (14.1 – 14.7v for 12v Monobloc) at 20°C. 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 of 2.25v/c – 2.30v/c (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 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
- Emergency lighting
- Medical
- Fire and security

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.