

## PS-12260 12 Volt 26.0 AH

### Rechargeable Sealed Lead Acid Battery



We've Got The Power.™



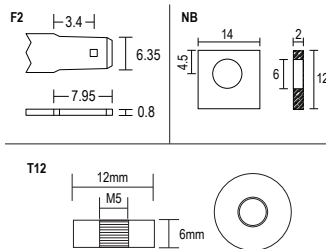
### Features

- Absorbent Glass Mat (AGM) technology for superior performance
- Valve regulated, spill proof construction allows safe operation in any position
- Power/volume ratio yielding unrivaled energy density
- Rugged impact resistant ABS case and cover (UL94-HB)
- Approved for transport by air. D.O.T., I.A.T.A., F.A.A. and C.A.B. certified
- U.L. recognized under file number MH 20845

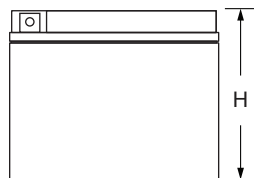
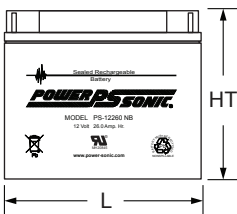
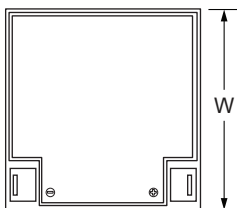
### Terminals

(mm)

- F2 - Quick disconnect tabs, 0.250" x 0.032" - Mate with AMP. INC FASTON "250" series
- NB2: Tin plated brass post with 5mm nut & bolt connectors
- T12 - Threaded insert with 5mm stud



### Physical Dimensions: in (mm)



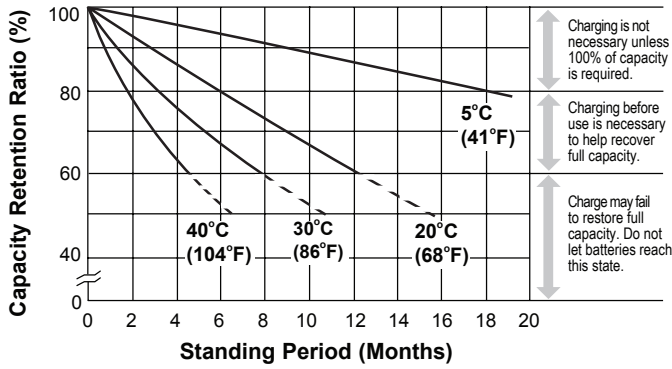
L: 6.56 (167) W: 6.97 (177) H: 4.92 (125) HT: 4.92 (125)

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

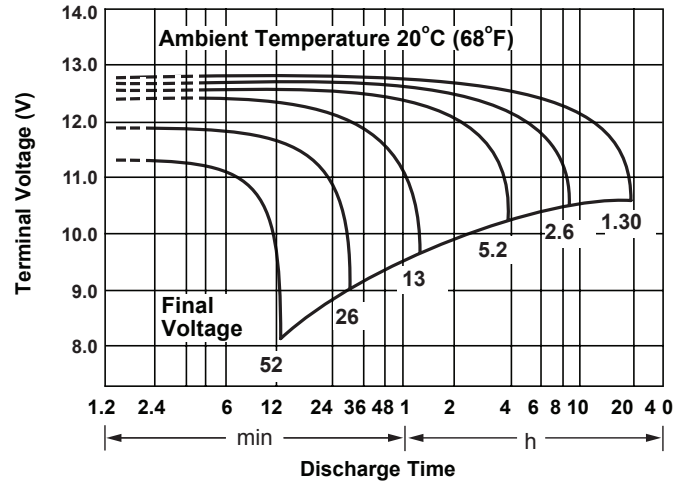
### Performance Specifications

|  |  |
|--|--|
| <b>Nominal Voltage</b> .....                               | 12 volts (6 cells)                         |
| <b>Nominal Capacity</b>                                    |  |
| 20-hr. (1.3A to 10.50 volts) .....                         | 26.0 AH                                    |
| 10-hr. (2.4A to 10.50 volts) .....                         | 24.0 AH                                    |
| 5-hr. (4.4A to 10.20 volts) .....                          | 22.0 AH                                    |
| 1-hr. (16.1A to 9.00 volts) .....                          | 16.1 AH                                    |
| 15-min. (51A to 9.00 volts) .....                          | 12.8 AH                                    |
| <b>Approximate Weight</b> .....                            | 17.00 lbs. (7.71 kg)                       |
| <b>Energy Density</b> (20-hr. rate) .....                  | 1.39 W-h/in <sup>3</sup> (84.64 W-h/l)     |
| <b>Specific Energy</b> (20-hr. rate) .....                 | 18.35 W-h/lb (40.46 W-h/kg)                |
| <b>Internal Resistance</b> (approx.) .....                 | 14 milliohms                               |
| <b>Max Discharge Current</b> (7 Min.) .....                | 78.0 amperes                               |
| <b>Max Short-Duration Discharge Current</b> (10 Sec.)..... | 260.0 amperes                              |
| <b>Shelf Life</b> (% of nominal capacity at 68 °F (20 °C)) |  |
| 1 Month .....  | 97%  |
| 3 Months.....  | 91%  |
| 6 Months .....   | 83%  |
| <b>Operating Temperature Range</b>                         |  |
| Charge.. .....   | -4 °F (-20 °C) to 122 °F (50 °C)           |
| Discharge.....   | -40 °F (-40 °C) to 140 °F (60 °C)          |
| <b>Case</b> .....  | ABS Plastic                                |
| <b>Power-Sonic Chargers</b> ....                           | PSC-122000A, 124000A, 122000A-C, 124000A-C |

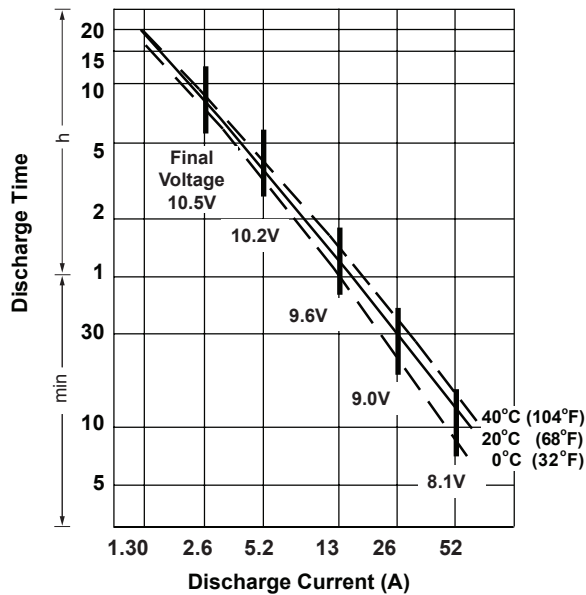
**Shelf Life & Storage**



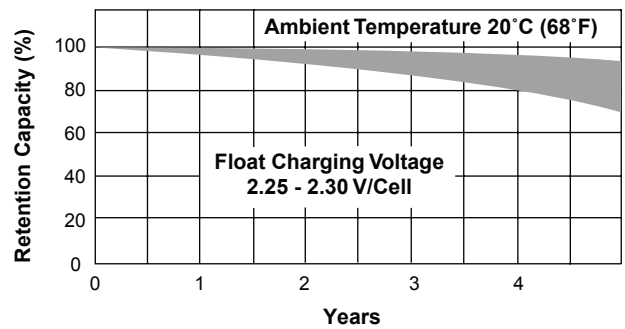
**Discharge Characteristics**



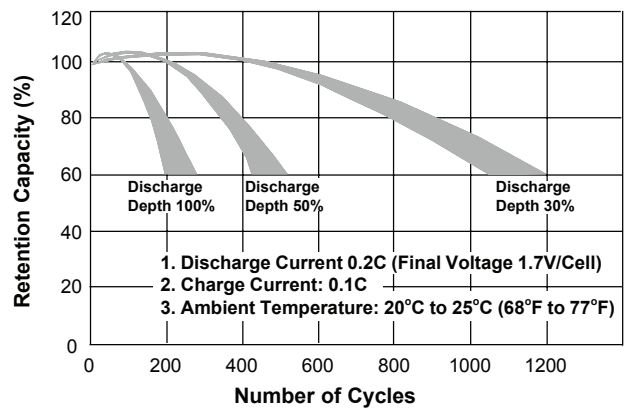
**Discharge Time vs. Discharge Current**



**Life Characteristics in Stand-By Use**



**Life Characteristics in Cyclic Use**



**Charging**

**Cycle Applications:** Limit initial current to 7.8A. Charge until battery voltage (under charge) reaches 14.4 to 14.7 volts at 68°F (20°C). Hold at 14.4 to 14.7 volts until current drops to under 260mA. Battery is fully charged under these conditions, and charger should be disconnected or switched to "float" voltage.

**"Float" or "Stand-By" Service:** Hold battery across constant voltage source of 13.5 to 13.8 volts continuously. When held at this voltage, the battery will seek its own current level and maintain itself in a fully charged condition.

**Note:** Due to the self-discharge characteristics of this type of battery, it is imperative that they be charged within 6 months of storage, otherwise permanent loss of capacity might occur as a result of sulfation.

**Chargers**

Power-Sonic offers a wide range of chargers suitable for batteries up to 100AH. Please refer to the Charger Selection Guide in our specification sheets for "C-Series Switch Mode Chargers" and "Transformer Type A and F Series". Please contact our Technical department for advice if you have difficulty in locating suitable models.

**Further Information**

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

**Contact Information**

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