



# PS-12260 12 Volt 26.0 AH

## Rechargeable Sealed Lead Acid Battery



We've Got The Power.™

### Features

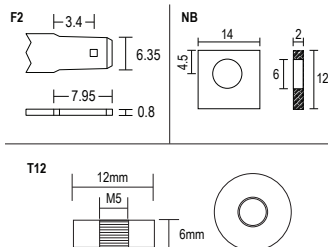
- Absorbent Glass Mat (AGM) technology for superior performance
- Valve regulated, spill proof construction allows safe operation in any position
- Power/volume ratio yielding unrivaled energy density
- Rugged impact resistant ABS case and cover (UL94-HB)
- Approved for transport by air. D.O.T., I.A.T.A.,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



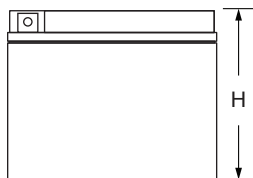
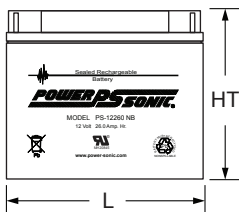
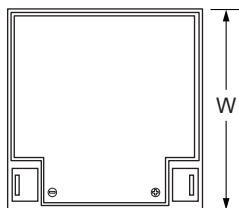
### Terminals

(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

**Nominal Voltage** ..... 12 volts (6 cells)

#### Nominal Capacity

|                                    |         |
|------------------------------------|---------|
| 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 |

**Approximate Weight** ..... 17.00 lbs. (7.71 kg)

**Energy Density** (20-hr. rate) ..... 1.39 W-h/in<sup>3</sup> (84.64 W-h/l)

**Specific Energy** (20-hr. rate) ..... 18.35 W-h/lb (40.46 W-h/kg)

**Internal Resistance** (approx.) ..... 14 milliohms

**Max Discharge Current** (7 Min.) ..... 78.0 amperes

**Max Short-Duration Discharge Current** (10 Sec.)..... 260.0 amperes

**Shelf Life** (% of nominal capacity at 68 °F (20 °C))

|                |     |
|----------------|-----|
| 1 Month .....  | 97% |
| 3 Months.....  | 91% |
| 6 Months ..... | 83% |

#### Operating Temperature Range

Charge.. ..... -4 °F (-20 °C) to 122 °F (50 °C)

Discharge..... -40 °F (-40 °C) to 140 °F (60 °C)

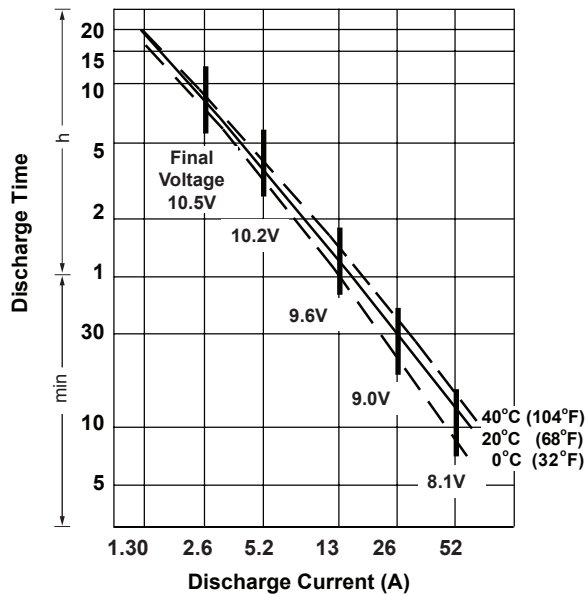
**Case** ..... ABS Plastic

**Power-Sonic Chargers** .... PSC-122000A, 124000A, 122000A-C, 124000A-C

### Shelf Life & Storage



### Discharge Time vs. Discharge Current



### 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.

### Contact Information

#### DOMESTIC SALES

Tel: +1-619-661-2020  
Fax: +1-619-661-3650  
national-sales@power-sonic.com

#### CUSTOMER SERVICE

Tel: +1-619-661-2030  
Fax: +1-619-661-3648  
customer-service@power-sonic.com

#### TECHNICAL SUPPORT

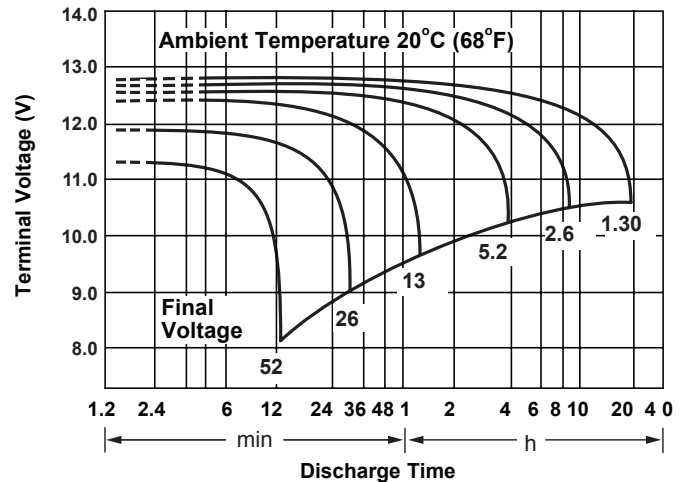
Tel: +1-619-661-2020  
Fax: +1-619-661-3648  
support@power-sonic.com

#### INTERNATIONAL SALES

Tel: +1-650-364-5001  
Fax: +1-650-366-3662  
international-sales@power-sonic.com

**CORPORATE OFFICE** • 7550 Panasonic Way • San Diego, CA 92154 • USA • Tel: +1-619-661-2020 • Fax: +1-619-661-3650

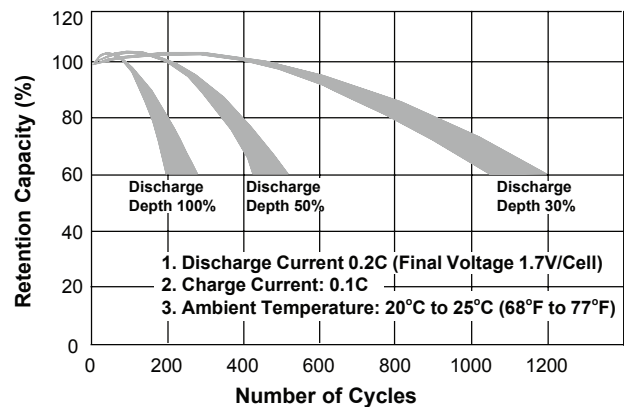
### Discharge Characteristics



### Life Characteristics in Stand-By Use



### Life Characteristics in Cyclic Use



### 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..

## Данный компонент на территории Российской Федерации

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<http://moschip.ru/get-element>

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В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

### Офис по работе с юридическими лицами:

105318, г.Москва, ул.Щербаковская д.3, офис 1107, 1118, ДЦ «Щербаковский»

Телефон: +7 495 668-12-70 (многоканальный)

Факс: +7 495 668-12-70 (доб.304)

E-mail: [info@moschip.ru](mailto:info@moschip.ru)

Skype отдела продаж:

moschip.ru

moschip.ru\_4

moschip.ru\_6

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