





# **PS-1208WL** 12V 0.80 AH @ 20-hr. 12V 0.72 AH @ 10-hr.

**Rechargeable Sealed Lead Acid Battery PS – General Purpose Series** 

#### TERMINALS: (mm)

Leads terminated with free hanging AMP. INC MATE-N-LOK connector, Socket housing 1-480318-0 mates with pin housing 1-480319-0. Lead length: 6.50" (168mm)

# **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

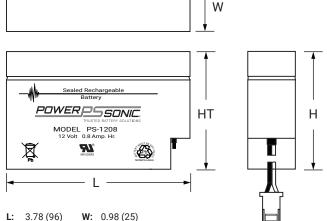
# **APPROVALS**

- 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

#### **PERFORMANCE SPECIFICATIONS**

Nominal Voltage	12 volts (6 cells)
Nominal Capacity   20-hr. (40mA to 10.50 volts)   10-hr. (72mA to 10.50 volts)   5-hr. (130mA to 10.20 volts)   1-hr. (480mA to 9.00 volts)	0.80 AH 0.72 AH 0.65 AH 0.48 AH
Approximate Weight	0.77 lbs. (0.35 kg)
Internal Resistance (approx.)	150.0 milliohms
Max Short-Duration Discharge Current (10 Sec.)	n/a
<b>Shelf Life</b> (% of nominal capacity at 68°F (20°C) 1 Month 3 Month 6 Month	97% 91% 83%
<b>Operating Temperature Range</b> Charge Discharge	5°F (-15°C) to 122°F (50°C) -4°F (-20°C) to 140°F (60°C)
Case	ABS Plastic
Power Sonic Chargers	Contact for more information

# **DIMENSIONS:** inch (mm)



H: 2.44 (62) HT: 2.44 (62)

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

**POWER-SONIC EMEA** 

**T NL:** + 31 33 7410 700

TUK: +44 1268 560 686

T FR: + 33 344 32 18 17

The Netherlands

Smitspol 4, 3861 RS Nijkerk,

(EMEA - EUROPE, MIDDLE EAST AND AFRICA)

E: salesEMEA@power-sonic.com

#### **GLOBAL HEADOUARTERS** (USA AND INTERNATIONAL EXCLUDING EMEA)

**Power-Sonic Corporation** 365 Cabela Dr Suite 300, Reno, Nevada 89523 USA T: +1 619 661 2020

E: customer-service@power-sonic.com

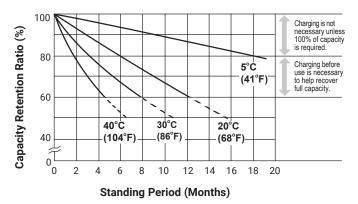
To ensure safe and efficient operation always refer to the latest edition of our Technical Manual, as published on our website. © 2018. Power-Sonic Corporation. All rights reserved. All trademarks are the property of their respective owners. All data subject to change without notice. E&O.E



#### **PS-1208WL** 12V 0.80 AH @ 20-hr. 12V 0.72 AH @ 10-hr.

Rechargeable Sealed Lead Acid Battery PS – General Purpose Series

#### **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

#### **GLOBAL HEADQUARTERS** (USA AND INTERNATIONAL EXCLUDING EMEA)

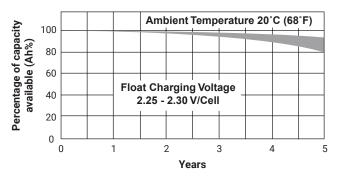
Power-Sonic Corporation 365 Cabela Dr Suite 300, Reno, Nevada 89523 USA T: +1 619 661 2020 E: customer-service@power-sonic.com

#### POWER-SONIC EMEA (EMEA – EUROPE, MIDDLE EAST AND AFRICA)

Smitspol 4, 3861 RS Nijkerk, The Netherlands T NL: + 31 33 7410 700 T UK: + 44 1268 560 686 T FR: + 33 344 32 18 17 E: salesEMEA@power-sonic.com

To ensure safe and efficient operation always refer to the latest edition of our Technical Manual, as published on our website. © 2018. Power-Sonic Corporation. All rights reserved. All trademarks are the property of their respective owners. All data subject to change without notice. E&0.E

#### LIFE CHARACTERISTICS IN STAND-BY USE



# **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.



### power-sonic.com