

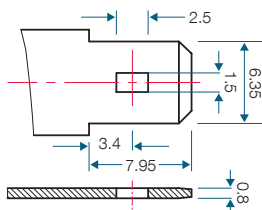


## PG-12V9 FR 12V 8.80 AH @ 20-hr. 12V 8.32 AH @ 10-hr.

Rechargeable Sealed Lead Acid Battery  
PG – Long Life Series

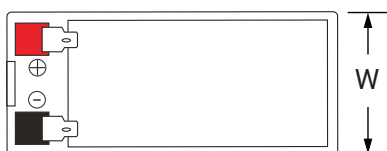
### TERMINALS: (mm)

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



Torque – Not Applicable

### DIMENSIONS: inch (mm)



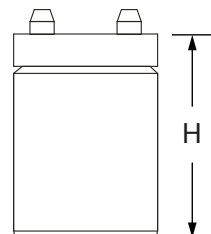
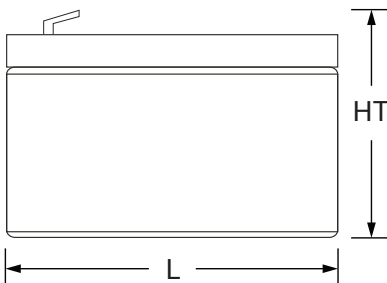
L: 5.95 (151)

W: 2.56 (65)

H: 3.68 (93.5)

HT: 3.92 (99.5)

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



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

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

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## FEATURES

- Absorbent Glass Mat (AGM) technology for superior performance
- Superb high-rate discharge characteristics ensures reliable performance in UPS and telecom applications
- Proven valve regulated technology that guarantees safe operation without maintenance
- Rugged impact resistant ABS case and cover, flame retardant to UL94:V-0
- Thick plate design and efficient gas recombination yield a service life of 5 – 6 years in standby mode

## 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

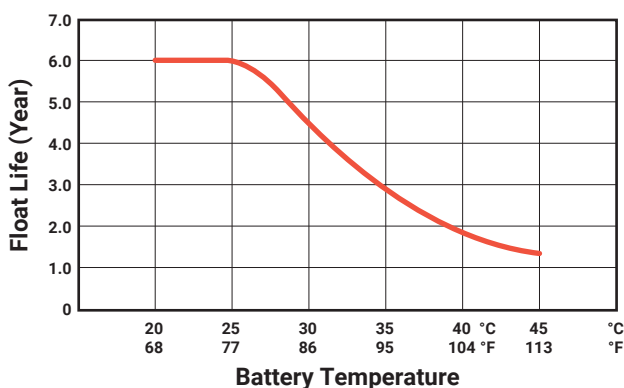
<b>Nominal Voltage</b>	12 volts (6 cells)
<b>Nominal Capacity</b>	
20-hr. (0.44A to 10.50 volts)	8.80 AH
10-hr. (0.832A to 10.50 volts)	8.32 AH
5-hr. (2.24 to 10.50 volts)	7.55 AH
1-hr. (5.95A to 9.60 volts)	5.95 AH
<b>Approximate Weight</b>	5.56 lbs. (2.52 kg)
<b>Internal Resistance (approx.)</b>	17.0 milliohms
<b>Max Short-Duration Discharge Current (5 Sec.)</b>	132 amperes
<b>Shelf Life</b>	
PG series batteries may be stored for up to 6 months at 25 C (77F) and then a freshening charge is required. For higher temperatures the time interval will be shorter.	
<b>Operating Temperature Range</b>	
Charge	5°F (-15°C) to 122°F (50°C)
Discharge	-4°F (-20°C) to 140°F (60°C)
<b>Case</b>	Flame Retardant ABS Plastic UL94:V-0
<b>Power Sonic Chargers</b>	PSC-122000ACX PSC-121000PS

## PG-12V9 FR

12V 8.80 AH @ 20-hr.  
12V 8.32 AH @ 10-hr.

Rechargeable Sealed Lead Acid Battery  
PS – General Purpose Series

### FLOAT LIFE IN YEARS VS. TEMPERATURE



### CHARGING

**Cycle Applications:** Apply constant voltage charge at 14.4V – 15.0V at 25°C. Initial charging current should be set at less than 2.64 Amps. Switch to float charge to avoid overcharging.

**“Float” or “Stand-By” Service:** Apply constant voltage charge of 13.5V to 13.8V at 25°C. Initial charging current should be set at less than 2.64 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

A whole range of CYCLIC applications including but not limited to:

- Fire and Security
- Emergency Lighting
- Telecommunications
- Utility
- Solar
- Wind
- UPS

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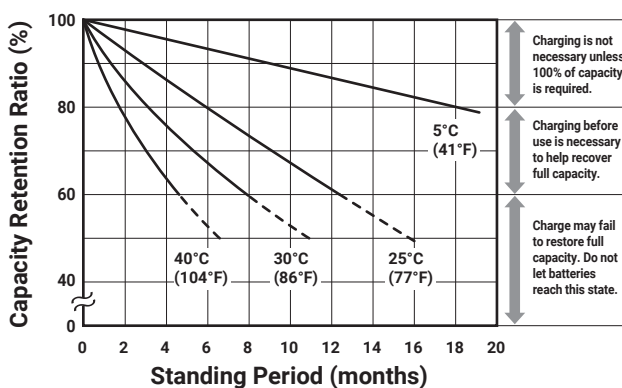
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### GENERAL RELATION OF CAPACITY VS. STORAGE TIME



Charging is not necessary unless 100% of capacity is required.

Charging before use is necessary to help recover full capacity.

Charge may fail to restore full capacity. Do not let batteries reach this state.

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



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Authorized Distributor

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[PG-12V9 F2 FR](#)