



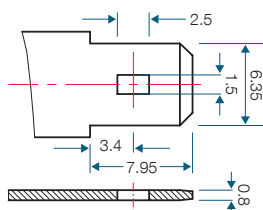
PG-12V6

12V 5.40 AH @ 20-hr.
12V 5.11 AH @ 10-hr.

Rechargeable Sealed Lead Acid Battery
PG – Long Life Series

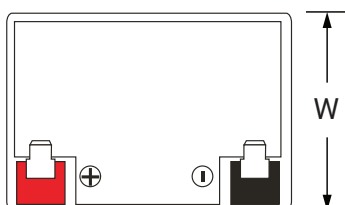
TERMINALS: (mm)

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



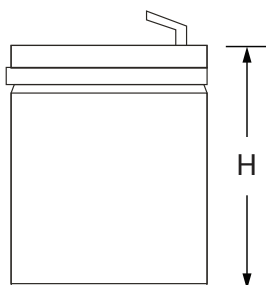
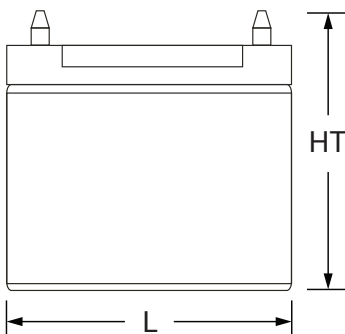
Torque – Not Applicable

DIMENSIONS: inch (mm)



L: 3.54 (90)
W: 2.76 (70)
H: 3.98 (101)
HT: 4.21 (107)

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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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
- 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

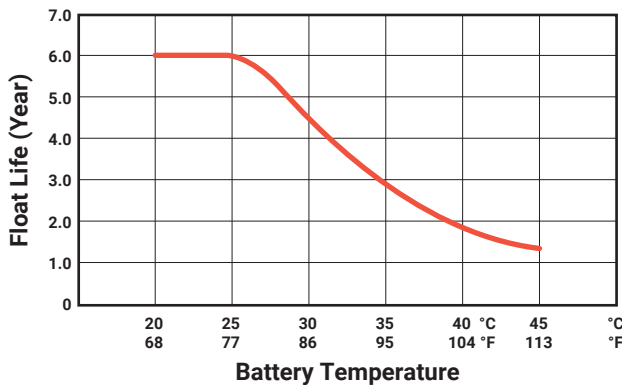
PERFORMANCE SPECIFICATIONS

| | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| Nominal Voltage | 12 volts (6 cells) |
| Nominal Capacity | |
| 20-hr. (0.270A to 10.80 volts) | 5.40 AH |
| 10-hr. (0.511A to 10.80 volts) | 5.11 AH |
| 5-hr. (0.929A to 10.50 volts) | 4.65 AH |
| 1-hr. (3.68A to 9.60 volts) | 3.68 AH |
| Approximate Weight | 3.96 lbs. (1.80 kg) |
| Internal Resistance (approx.) | 25.0 milliohms |
| Max Short-Duration Discharge Current (5 Sec.) | 81 amperes |
| Shelf Life | |
| 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. | |
| Operating Temperature Range | |
| Charge | 5°F (-15°C) to 122°F (50°C) |
| Discharge | -4°F (-20°C) to 140°F (60°C) |
| Case | ABS Plastic |
| Power Sonic Chargers | PSC-121000ACX PSC-121000PS |

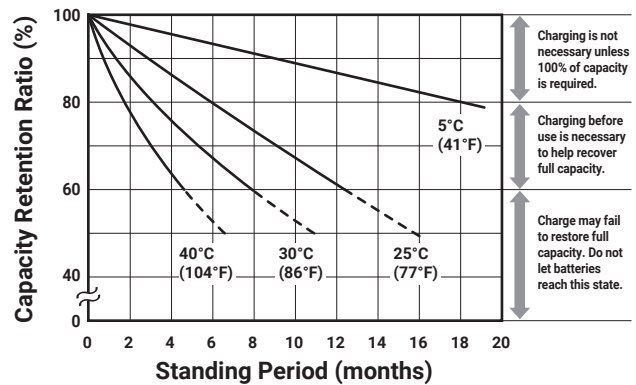
PG-12V6 12V 5.40 AH @ 20-hr. 12V 5.11AH @ 10-hr.

Rechargeable Sealed Lead Acid Battery
PS – General Purpose Series

FLOAT LIFE IN YEARS VS. TEMPERATURE



GENERAL RELATION OF CAPACITY VS. STORAGE TIME



CHARGING

Cycle Applications: Apply constant voltage charge at 14.4V – 15.0V at 25°C. Initial charging current should be set at less than 1.62 Amps. Switch to float charge to avoid overcharging.

“Float” or “Stand-By” Service: Apply constant voltage charge of 13.5V - 13.8V at 25°C. Initial charging current should be set at less than 1.62 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.

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.

APPLICATIONS

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

- Telecommunications
- Utility
- Fire & Security
- Solar/Wind
- UPS
- Emergency Lighting

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