PG SERIES

TERMINALS: (mm)

T11: Threaded insert with 8m stud fastener

20mm M8 7mm

Torque: 11.0~14.7 Nm

DIMENSIONS: inch (mm)

L: 13.50 (343)
W: 6.73 (171)
H: 10.79 (274)
HT: 11.02 (280)

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

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 valve regulated technology that guarantees safe operation without maintenance
• Thick plate design and efficient gas recombination yield a service life of 10 ~ 12 years in standby mode

APPROVALS

• U.L recognized
• ISO9001:2015 – Quality management systems

PERFORMANCE SPECIFICATIONS

Nominal Voltage
12 volts (6 cells)

Nominal Capacity
20-hr. (7.70A to 10.80 volts) 154.0 AH
10-hr. (14.4A to 10.80 volts) 144.0 AH
5-hr. (24.1A to 10.50 volts) 120.5 AH
1-hr. (84.0A to 9.60 volts) 84.0 AH

Approximate Weight
99 lbs. (44.9 kg)

Internal Resistance (approx.)
4.0 milliohms

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

Shelf Life (% of nominal capacity at 68°F (20°C)
1 Month 97%
3 Month 91%
6 Month 83%

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-1220000-PC

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PG SERIES

www.power-sonic.com

PG-12V150

12V 154.0AH @ 20-hr.
12V 144.0AH @ 10-hr.

Rechargeable Sealed Lead Acid Battery
PS – General Purpose Series

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

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

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

CORPORATE HEADQUARTERS
(USA AND INTERNATIONAL EXCLUDING EMEA)
Power-Sonic Corporation
7550 Panasonic Way, San Diego,
California 92154
T: +1 (619) 661 2020
F: +1 (619) 661 3550
E: customer-service@power-sonic.com

POWER-SONIC EUROPE LIMITED
(EMEA – EUROPE, MIDDLE EAST AND AFRICA)
3 Buckingham Square,
Hurricane Way, Wickford,
Essex SS11 BYQ
T: +44 (0)1268 560686
F: +44 (0)1268 560902
E: salesEMEA@power-sonic.com

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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.