PDC-12200 12V 21.0 AH @ 20-hr.
12V 20.0 AH @ 10-hr.

Rechargeable Sealed Lead Acid Battery
PDC – Deep Cycle AGM Series

TERMINALS (mm)

T12: Threaded insert with 5mm stud fastener

12mm

5mm

6mm

Torque: 2.0~3.0 Nxm

DIMENSIONS inch (mm)


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

FEATURES

• AGM (absorbent glass mat) technology for superior performance
• Valve regulated, maintenance free spill proof construction
• Specialized paste formulation for true longer life deep cycle performance
• Special additives in the paste ensure excellent performance in deep discharge situations
• Power/volume ratio yielding unrivaled energy density
• Rugged vibration and impact resistant ABS case and cover (UL94-HB) Also available to UL94-V0

APPROVALS

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

PERFORMANCE SPECIFICATIONS

Nominal Voltage 12 volts (6 cells)

Nominal Capacity
20-hr. (1.05A to 10.50 volts) 21.0 AH
20.0 AH
10-hr. (2.0A to 10.50 volts) 19.2 AH
8-hr. (2.40A to 10.50 volts) 17.5 AH
5-hr. (3.51A to 10.20 volts) 12.9 AH
1-hr. (12.9A to 9.00 volts) 9.9 AH
15-min. (39.5A to 9.00 volts)

Approximate Weight 15.0 lbs. (6.9 kg)

Internal Resistance (approx.) 8.0 milliohms

Max Discharge Current (7 Min.) 60 amperes

Max Short-Duration Discharge Current (10 Sec.) 200 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-124000A-C
PSC-124000-PC
PSC-243500-PC

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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 6.3Amps. 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

- Medical
- Wind
- Solar
- Mobility
- Golf Carts

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