PDC-121000 12V 100.0 AH @ 20-hr. 12V 92.0 AH @ 10-hr.
Rechargeable Sealed Lead Acid Battery
PDC – Deep Cycle AGM Series

TERMINALS (mm)

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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.: 100.0 AH
- 10-hr.: 92.0 AH
- 8-hr.: 88.0 AH
- 5-hr.: 79.0 AH
- 1-hr.: 58.1 AH
- 15-min.: 44.4 AH

Approximate Weight: 61.0 lbs. (27.5 kg)
Internal Resistance (approx.): 5 milliohms
Max Discharge Current (7 Min.): 289.2 amperes
Max Short-Duration Discharge Current (10 Sec.): 964 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-1210000A-C
- PSC-1210000-PC

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.
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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 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

- Medical
- Solar
- Wind
- Mobility
- Golf Carts