



Technical Data Sheet

ODX-AGM27M

(NSB-AGM27M)

Battery Type

- Cycles over 900 times at 50% depth of discharge
- Absorbed Glass Mat (AGM) with Thin Plate Pure Lead (TPPL)
- Advanced dual purpose battery for engine start and deep cycle use

Power and Performance

Voltage	12V
Pulse (5 second) Hot Cranking Amps (PHCA)	1750A
Cold Cranking Amps (CCA)	930A
HCA	1290A
MCA	1080A
20Hr Nominal Capacity (Ah)	92Ah
10Hr Nominal Capacity (Ah)	88Ah
Reserve Capacity Minutes	195 mins
Terminal	SAE and 3/8-16" Stud (Pos.), 5/16-18" Stud (Neg.)
Torque Spec in-lbs (Nm max)	200 (22.6)/100 (11.3) studs only
Internal Resistance (mΩ)	2.6 mΩ
Short Circuit (A)	5000A

Handling and Storage

- Can be mounted or stored in any orientation except inverted
- 2-years storage life at 77°F (25°C) without needing to charge. Recharge when the OCV is <12.2V (50% SOC).
- Classified as non-spillable and approved as non-hazardous cargo for ground, sea and air transportation in accordance with the requirements of IMDG (International Maritime code for Dangerous Goods) and ICAO (International Civil Aviation Organisation)

Charging and Self-Discharge

Type of charging curve	IUU
Charger voltage at 68°F (20°C)	14.4V to 14.8V
Self-discharge per month at 68°F (20°C)	1.25%
Self-discharge per month at 104°F (40°C)	5%
80% depth of discharge cycles	400

Dimensions and Weight

Length	12.5 in / 318 mm
Width	6.8 in / 173 mm
Height (terminals included)	8.8 in / 224 mm
Height (container)	8.2 in / 208 mm
Weight	67.9 lbs / 30.8 kg

Temperature

Operating temperature range	-40°F / -40°C to 176°F / +80°C
Optimum storage temperature	68°F / +20°C

Accreditations

The management systems governing the manufacture of this product are ISO 9001 and ISO 14001 certified.

*Cold Start Performance S.A.E J537 Apr 2016



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