

ODYSSEY[®] BATTERY



Technical Data Sheet

ODX-AGM31M

(NSB-AGM31M)

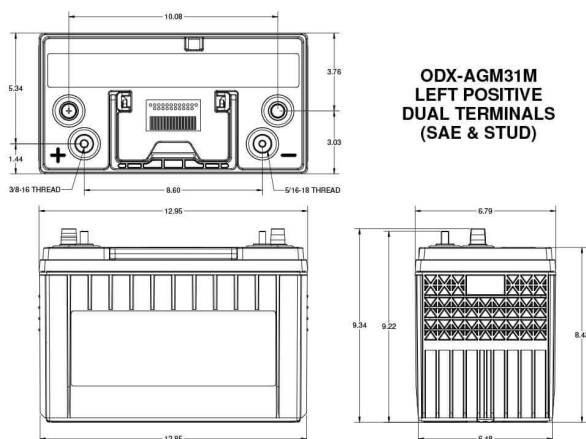
Battery Type

- Group 31 with brass SAE posts, 3/8 inch positive and 5/16 inch negative thread SS stud terminals and single external vent
- 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	12
Pulse (5 second) Hot Cranking Amps (PHCA)	2150
Cold Cranking Amps (CCA)	1150
HCA	1545
MCA	1370
20Hr Nominal Capacity (Ah)	103
10Hr Nominal Capacity (Ah)	98
Reserve Capacity Minutes	220
Terminal	M
Torque Spec	200 (22.6)/100 (11.3) studs only
Internal Resistance	2.2
Short Circuit	5000

Drawings & Terminal Position



Handling and Storage

- Can be mounted or stored in any orientation except inverted
- 2-years storage life at 68°F (20°C) without needing to charge. Recharge when the OCV is <12.6V (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	13 in / 330 mm
Width	6.8 in / 173 mm
Height (terminals included)	9.9 in / 251 mm
Height (container)	8.9 in / 226 mm
Weight	75.2 lbs / 34.1 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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