# ODYSSEY BATTERY

## Technical Data Sheet

# ODX-AGM27

### (NSB-AGM27)

## Battery Type

- Group 27 with SS 3/8 inch threaded 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

## 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)

## 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 |
| Torque Spec in-lbs (Nm max) | N/A |
| Internal Resistance (mΩ) | 2.6 mΩ |
| Short Circuit (A) | 5000A |

## 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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