



## 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            |

## 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                                  | M                                |
| Torque Spec in-lbs (Nm max)               | 200 (22.6)/100 (11.3) studs only |
| Internal Resistance (mΩ)                  | 2.6 mΩ                           |
| Short Circuit (A)                         | 5000A                            |

#### 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

