

# ODYSSEY<sup>®</sup> BATTERY

## ODX-AGM31M (NSB-AGM31M)

### Technical Data Sheet

#### Battery Type

AGM with Thin Plate Pure Lead (TPPL). Advanced dual-purpose battery for engine start and deep-cycle use

#### Power & Performance

|  |          |
|--|----------|
| Voltage  | 12V      |
| Capacity (20-hour rate)                        | 103Ah    |
| Capacity (10-hour rate)                        | 98Ah     |
| Cold Cranking Amps (CCA, SAE J537)             | 1150A    |
| PHCA - 5-second pulse current                  | 2150A    |
| HCA  | 1545A    |
| MCA  | 1370A    |
| Reserve capacity                               | 220 mins |
| Short circuit current (using IEC method)       | 5000A    |
| Internal resistance at 20°C (using IEC method) | 2.2 mΩ   |

#### Dimensions & Weight

|                              |         |
|------------------------------|---------|
| Length                       | 330 mm  |
| Width                        | 173 mm  |
| Height (to top of terminals) | 251 mm  |
| Height Container             | 226 mm  |
| Weight                       | 34.1 kg |

#### Temperature

|                             |                |
|-----------------------------|----------------|
| Operating Temperature Range | -40°C to +80°C |
| Optimum Storage Temperature | +20°C          |

#### Accreditations

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

#### Charging & self-discharge

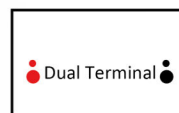
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|-----------------------------------|----------------|
| Type of charging curve            | IUU            |
| Charge voltage @+20°C             | 14.4V to 14.8V |
| Self-discharge per month at +20°C | 1.25%          |
| Self-discharge per month at +40°C | 5%             |

#### Fitting, handling & storage

Can be mounted or stored in any orientation except inverted.  
2-years storage life at +20°C without charging, or until the Open Circuit Voltage (OCV) is <12.6V or <2.10Vpc, whichever occurs first.  
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).



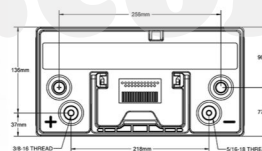
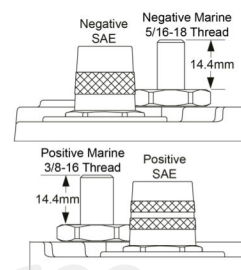
#### Terminal Position



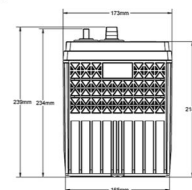
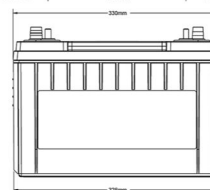
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#### Terminal Type



ODX-AGM31M  
LEFT POSITIVE  
DUAL TERMINALS  
(SAE & STUD)



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