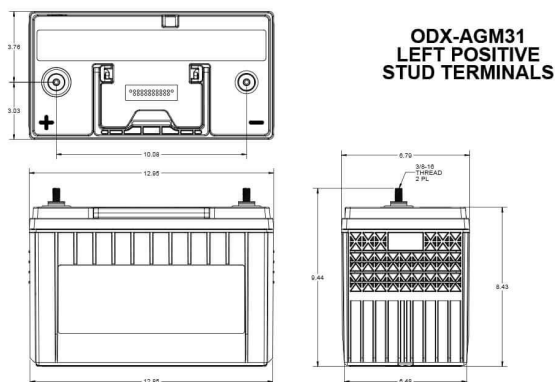




## Drawings & Terminal Position



## 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

## Technical Data Sheet

### ODX-ACE31

#### Battery Type

- Group 31 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
- Contains ODYSSEY Connect battery monitoring system technology

#### Power and Performance

Voltage	12V
Pulse (5 second) Hot Cranking Amps (PHCA)	2150A
Cold Cranking Amps (CCA)	1150A
HCA	1545A
MCA	1370A
20Hr Nominal Capacity (Ah)	103Ah
10Hr Nominal Capacity (Ah)	98Ah
Reserve Capacity Minutes	220 mins
Terminal	3/8-16" Stud
Torque Spec in-lbs (Nm max)	200 (22.6) studs only
Internal Resistance (mΩ)	2.2 mΩ
Short Circuit (A)	5000A

#### Dimensions and Weight

Length	13 in / 330 mm
Width	6.8 in / 173 mm
Height (terminals included)	9.5 in / 241 mm
Height (container)	8.5 in / 216 mm
Weight	77.8 lbs / 35.3 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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