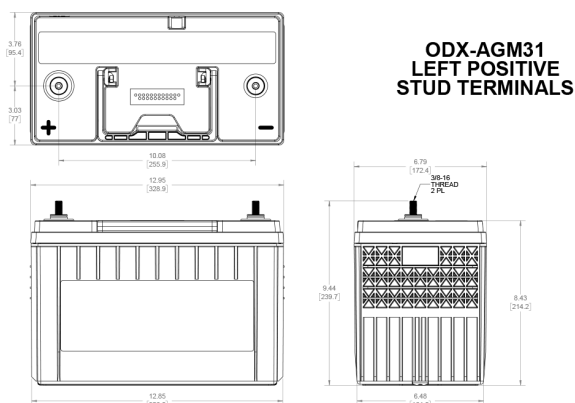




## Drawings & Terminal Position



## 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

|  |                     |
|--|---------------------|
| Cyclic Charge Voltage                    | 14.4 - 14.8V @ 25°C |
| Float Charge Voltage                     | 13.5 - 13.8V @ 25°C |
| 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-AGM31

(31-PC2150S)

#### 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

#### 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                 |
| Recommended Min. Charging Current (A)     | 9.8A                  |
| UPC                                       | 635241140453          |

#### 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



**EnerSys World Headquarters**  
2366 Bernville Road  
Reading, PA 19605, USA  
Tel: +1-800-964-2837

**EnerSys EMEA**  
EH Europe GmbH  
Baarerstrasse 18  
6300 Zug, Switzerland

**EnerSys Asia**  
152 Beach Road  
#11-08 Gateway East  
Building  
Singapore 189721  
Tel: +65 6416 4800

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