PDF Generated at https://www.odysseybattery.com
05/20/2023 08:03:55
Information correct at time of exporting PDF. Please check website for updates.

Technical Data Sheet

ODX-AGM31

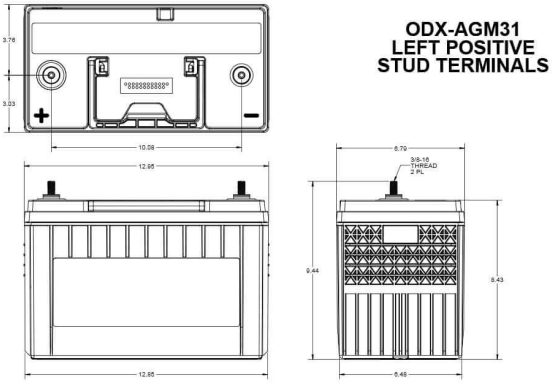
(31-PC2150S)



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

Drawings & Terminal Position



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

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

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

Want more info? Scan code to access the ODYSSEY® Battery Literature Library

© 2023 EnerSys. All rights reserved. Trademarks and logos are the property of EnerSys and its affiliates unless otherwise noted. Subject to revisions without prior notice. E.&O.E.
Date Downloaded: May 20, 2023