



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

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

Technical Data Sheet

ODP-AGM31M

- With SAE posts and 3/8 inch positive and 5/16 inch negative thread SS stud terminals
- 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
MHPCA	1400A
MPCA	1300A
Cold Cranking Amps (CCA)	925A
HCA	1325A
MCA	1150A
20Hr Nominal Capacity (Ah)	100Ah
10Hr Nominal Capacity (Ah)	92Ah
Reserve Capacity Minutes	200 mins
Terminal	SAE and 3/8-16" Stud (Pos.), 5/16-18" Stud (Neg.)
Torque Spec in-lbs (Nm max)	200 (22.6)/100 (11.3) studs only
Internal Resistance (mΩ)	2.6 mΩ
Short Circuit (A)	2600A
Recommended Min. Charging Current (A)	9.2A
UPC	635241140811

Dimensions and Weight

Length	13 in / 330 mm
Width	6.8 in / 173 mm
Height (terminals included)	10 in / 254 mm
Height (container)	8.9 in / 226 mm
Weight	69.5 lbs / 31.5 kg

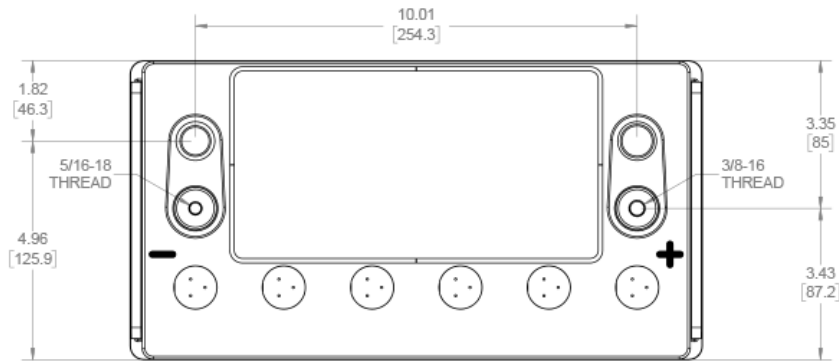
See Line Drawing on next page

Temperature

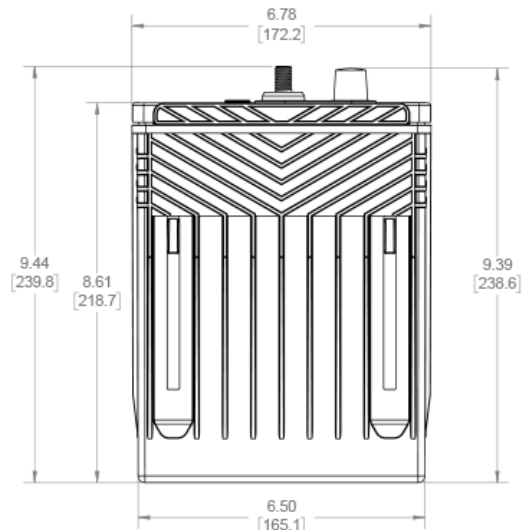
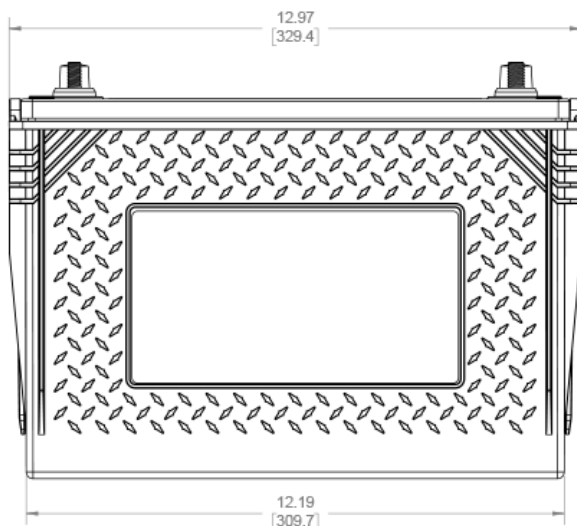
Operating temperature range	-40°F / -40°C to 140°F / +60°C
Optimum storage temperature	68°F / +20°C

ODP-AGM31M

Line Drawing



ODP-AGM31M RIGHT POSITIVE DUAL TERMINALS (SAE & STUD)



ODYSSEY batteries – AGM² Thin Plate Pure Lead (TPPL) Technology

ODYSSEY[®] AGM² Thin Plate Pure Lead (TPPL) batteries feature 99% pure lead plates that are extremely thin, so more of them fit into the battery. More plates mean more power – ODYSSEY AGM² TPPL batteries deliver twice the power and three times the service life of any other conventional battery, outperforming standard AGM or SLI (flooded) batteries in terms of power density, fast-charge acceptance, shelf life, durability and most important – value for your money.

Technical Data Sheet correct at time of exporting PDF. Please check website for updates.