



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-AGM8DT

- Meets the ever-increasing power demands of today's heavy vehicle applications
- 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)	2700A
Cold Cranking Amps (CCA)	1450A
HCA	2150A
MCA	1800A
20Hr Nominal Capacity (Ah)	220Ah
10Hr Nominal Capacity (Ah)	211Ah
Reserve Capacity Minutes	500 mins
Terminal	3/8-16" Stud; SAE terminal adaptor kit included
Torque Spec in-lbs (Nm max)	N/A
Internal Resistance (mΩ)	1.7 mΩ
Short Circuit (A)	6200A
Recommended Min. Charging Current (A)	21.1A
UPC	635241142020

Dimensions and Weight

Length	20.4 in / 518 mm
Width	10.8 in / 274 mm
Height (terminals included)	9.5 in / 241 mm
Height (container)	8.5 in / 216 mm
Weight	152 lbs / 68.9 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

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



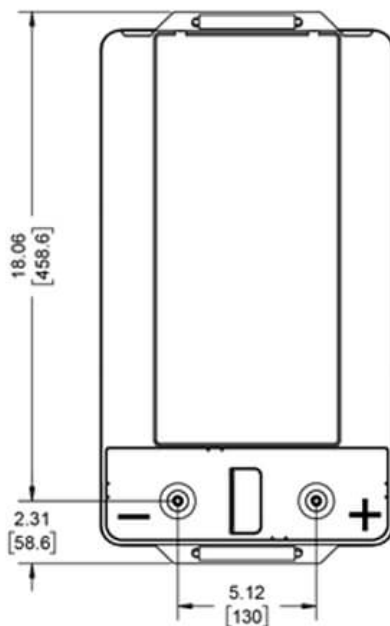
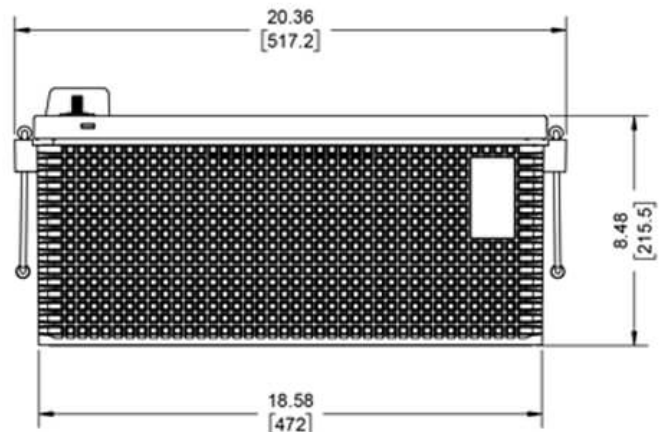
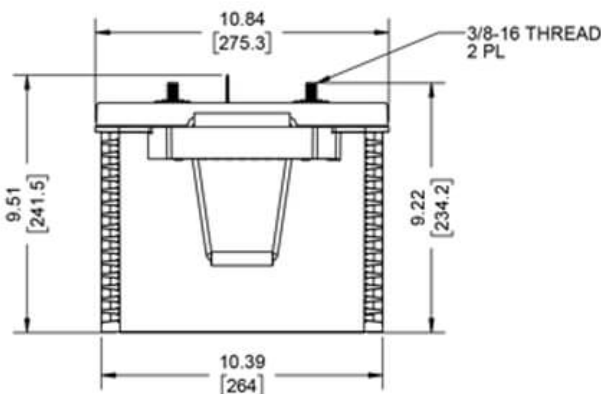
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Want more info?
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the ODYSSEY[®] Battery
Literature Library



Line Drawing**ODP-AGM8DT
RIGHT POSITIVE
STUD TERMINALS****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.

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