



Technical Data Sheet

ODS-AGM420FTT

- 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)	1600A
Cold Cranking Amps (CCA)	1150A
MCA	1250A
20Hr Nominal Capacity (Ah)	185Ah
10Hr Nominal Capacity (Ah)	170Ah
Reserve Capacity Minutes	420 mins
Terminal	M6 Stud
Torque Spec in-lbs (Nm max)	80 (9.0)
Internal Resistance (mΩ)	3.5 mΩ
Recommended Min. Charging Current (A)	17A

Handling and Storage

- This model is not intended to be operated on its side.
- 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

Dimensions and Weight

Length	22.09 in / 561 mm
Width	4.92 in / 125 mm
Height (terminals included)	11.14 in / 283 mm
Height (container)	11.14 in / 283 mm
Weight	116 lbs / 52.6 kg

Temperature

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



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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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