



Technical Data Sheet

ODX-AGM27F

- Group 27 with SAE 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)	1750A
Cold Cranking Amps (CCA)	930A
HCA	1290A
MCA	1080A
20Hr Nominal Capacity (Ah)	92Ah
10Hr Nominal Capacity (Ah)	88Ah
Reserve Capacity Minutes	195 mins
Terminal	SAE
Torque Spec in-lbs (Nm max)	N/A
Internal Resistance (mΩ)	2.6 mΩ
Short Circuit (A)	5000A
Recommended Min. Charging Current (A)	8.8A
UPC	635241141245

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	12.5 in / 318 mm
Width	6.8 in / 173 mm
Height (terminals included)	8.8 in / 224 mm
Height (container)	8.2 in / 208 mm
Weight	67.9 lbs / 30.8 kg

Temperature

Operating temperature range	-40°F / -40°C to 176°F / +80°C
Optimum storage temperature	68°F / +20°C

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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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