

# ODYSSEY<sup>®</sup>

## BATTERY



## Technical Data Sheet

### ODP-AGM27M

(ELT-AGM27M)

#### Battery Type

- Group 27 Absorbed Glass Mat (AGM) battery with Thin Plate Pure Lead (TPPL)
- Up to 400 cycles at 80% depth of discharge
- Advanced dual purpose battery for engine start and deep cycle use

#### Handling and Storage

- Can be mounted or stored in any orientation except inverted
- 2-years storage life at 68°F (20°C) without needing to charge. Recharge when the OCV is <12.6V (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

#### Power and Performance

Voltage	12
Pulse (5 second) Hot Cranking Amps (PHCA)	1500
Cold Cranking Amps (CCA)	850
HCA	1150
MCA	975
20Hr Nominal Capacity (Ah)	85
10Hr Nominal Capacity (Ah)	79
Reserve Capacity Minutes	182
Terminal	M
Torque Spec	200 (22.6)/100 (11.3) studs only
Internal Resistance	3.8
Short Circuit	2400

#### 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	59.7 lbs / 27.1 kg

#### Temperature

Operating temperature range	-40°F / -40°C to 140°F / +60°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



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