ODYSSEY BATTERY

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Technical Data Sheet

ODP-AGM96R

(96R-600)

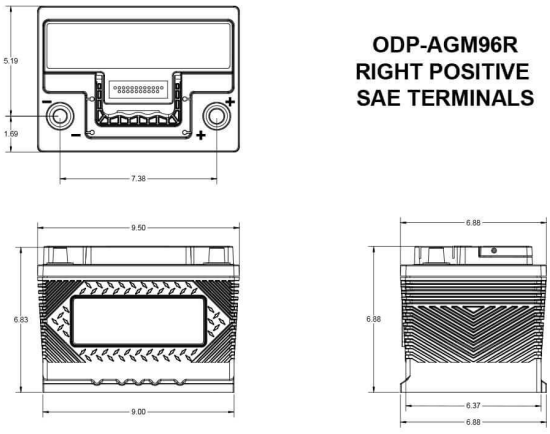
Battery Type

- Up to 400 cycles at 80% depth of discharge
- 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)	1100A
Cold Cranking Amps (CCA)	600A
HCA	800A
MCA	700A
20Hr Nominal Capacity (Ah)	52Ah
10Hr Nominal Capacity (Ah)	48Ah
Reserve Capacity Minutes	90 mins
Terminal	SAE
Torque Spec in-lbs (Nm max)	N/A
Internal Resistance (mΩ)	2.8 mΩ
Short Circuit (A)	1740A

Drawings & Terminal Position



Dimensions and Weight

Length	9.5 in / 241 mm
Width	6.9 in / 175 mm
Height (terminals included)	6.8 in / 173 mm
Height (container)	6.9 in / 175 mm
Weight	40.3 lbs / 18.3 kg

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)

Temperature

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

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

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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