

ODYSSEY[®]

BATTERY



Technical Data Sheet

ODP-AGM8D

(8D-1500)

Battery Type

- 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

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)	2700
Cold Cranking Amps (CCA)	1450
HCA	2150
MCA	1800
20Hr Nominal Capacity (Ah)	220
10Hr Nominal Capacity (Ah)	211
Reserve Capacity Minutes	500
Terminal Spec	SAE
Torque Spec in-lbs (Nm max)	N/A
Internal Resistance (mΩ)	1.7
Short Circuit (A)	6200

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

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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