ODYSSEY BATTERY

Technical Data Sheet

ODP-AGMDINC

Battery Type

- Absorbed Glass Mat (AGM) with Thin Plate Pure Lead (TPPL).
- Dual purpose for engine start and deep cycle use - ideal for auxiliary and hotel function applications.
- Up to twice the power and three times the life of conventional flooded batteries.

Handling and Storage

- Can be mounted or stored in any orientation except inverted
- 2-years storage life at 77°F (25°C) without needing to charge. Recharge when the OCV is <12.2V.
- 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)

Power and Performance

Voltage	12V
Pulse (5 second) Hot Cranking Amps (PHCA)	2300A
Cold Cranking Amps (CCA)	1250A
HCA	1750A
MCA	1750A
20Hr Nominal Capacity (Ah)	215Ah
10Hr Nominal Capacity (Ah)	190Ah
Reserve Capacity Minutes	450 mins
Terminal	SAE
Internal Resistance (mΩ)	2.7 mΩ
Short Circuit (A)	4600A

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

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	143 lbs / 64.9 kg

Temperature

Operating temperature range	-40°F / -40°C to 149°F / +65°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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