Technical Data Sheet

ODS-AGM470FTT

(PC1800-FT)

Battery Type

- 3/8 inch threaded front stud terminal
- Absorbed Glass Mat (AGM) with Thin Plate Pure Lead (TPPL)
- Advanced dual purpose battery for engine start and deep cycle use

Drawings & Terminal Position

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 (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	12V
Pulse (5 second) Hot Cranking Amps (PHCA)	1800A
Cold Cranking Amps (CCA)	1300A
HCA	1600A
MCA	1450A
20Hr Nominal Capacity (Ah)	214Ah
10Hr Nominal Capacity (Ah)	190Ah
Reserve Capacity Minutes	475 mins
Terminal	3/8-16" Stud
Torque Spec in-lbs (Nm max)	80 (9.0)
Internal Resistance (mΩ)	3.3 mΩ
Short Circuit (A)	3800A
UPC	635241140859

Dimensions and Weight

Length	22.9 in / 582 mm
Width	4.9 in / 124 mm
Height (terminals included)	12.5 in / 318 mm
Height (container)	12.5 in / 318 mm
Weight	132 lbs / 59.9 kg

Temperature

Operating temperature range	-40°F / -40°C to 113°F / +45°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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