

ODYSSEY[®]

BATTERY

ODS-AGM40E (PC1100)

Technical Data Sheet

Battery Type

AGM with Thin Plate Pure Lead (TPPL). Advanced dual-purpose battery for engine start and deep-cycle use

Power & Performance

Voltage	12V
Capacity (20-hour rate)	45Ah
Capacity (10-hour rate)	43Ah
Cold Cranking Amps (CCA, SAE J537)	500A
PHCA - 5-second pulse current	1100A
HCA	800A
MCA	650A
Reserve capacity	87 mins
Short circuit current (using IEC method)	2450A
Internal resistance at 20°C (using IEC method)	5.1 mΩ

Dimensions & Weight

Length	249 mm
Width	97 mm
Height (to top of terminals)	206 mm
Height Container	196 mm
Weight	12.5 kg

Temperature

Operating Temperature Range	-40°C to +50°C
Optimum Storage Temperature	+20°C

Accreditations

The management systems governing the manufacture of this product are ISO 9001 and ISO 14001 certified.

Charging & self-discharge

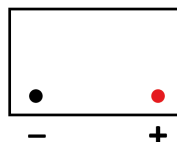
Type of charging curve	IUU
Charge voltage @+20°C	14.4V to 14.8V
Self-discharge per month at +20°C	1.25%
Self-discharge per month at +40°C	5%

Fitting, handling & storage

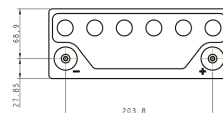
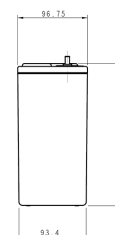
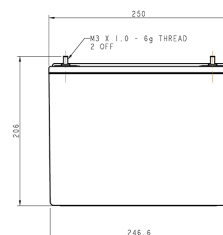
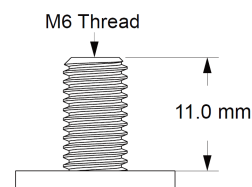
Can be mounted or stored in any orientation except inverted.
2-years storage life at +20°C without charging, or until the Open Circuit Voltage (OCV) is <12.6V or <2.10Vpc, whichever occurs first.
Classified as non-spillable and approved as non-hazardous cargo for ground, sea and air transportation in accordance with the requirements of IMDG (International Maritime code for dangerous Goods) and ICAO (International Civil Aviation Organisation).



Terminal Position



Terminal Type



ODS-AGM40E
RIGHT POSITIVE
STUD TERMINAL