

# ODYSSEY<sup>®</sup> 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

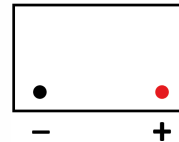
Type of charging curve	IUU
Charge voltage @+20°C	14.4V to 14.8V
Self-discharge per month at +20°C	1.25%
Self-discharge per month at +40°C	5%

#### Fitting, handling & storage

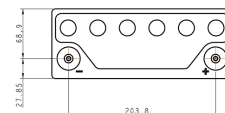
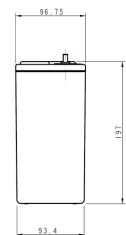
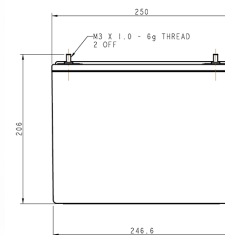
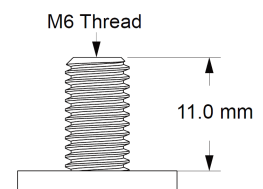
Can be mounted or stored in any orientation except inverted.  
2-years storage life at +20°C without charging, or until the Open Circuit Voltage (OCV) is <12.6V or <2.10Vpc, whichever occurs first.  
Classified as non-spillable and approved as non-hazardous cargo for ground, sea and air transportation 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

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