

# ODYSSEY<sup>®</sup> BATTERY

## ODS-AGM42L (PC1200)

### 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)	42Ah
Capacity (10-hour rate)	40Ah
Cold Cranking Amps (CCA, SAE J537)	540A
PHCA - 5-second pulse current	1200A
HCA	860A
MCA	725A
Reserve capacity	78 mins
Short circuit current (using IEC method)	2600A
Internal resistance at 20°C (using IEC method)	4.5 mΩ

#### Dimensions & Weight

Length	198 mm
Width	165 mm
Height (to top of terminals)	163 mm
Height Container	170 mm
Weight	17.3 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

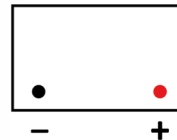
Type of charging curve	IUU
Charge voltage @+20°C	14.4V to 14.8V
Self-discharge per month at +20°C	1.25%
Self-discharge per month at +40°C	5%

#### Fitting, handling & storage

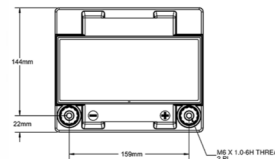
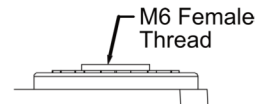
Can be mounted or stored in any orientation except inverted. 2-years storage life at +20°C without charging, or until the Open Circuit Voltage (OCV) is <12.6V or <2.10Vpc, whichever occurs first. Classified as non-spillable and approved as non-hazardous cargo for ground, sea and air transportation in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



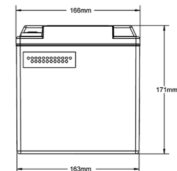
#### Terminal Position



#### Terminal Type



#### ODS-AGM42L RIGHT POSITIVE FEMALE TERMINALS



PDF Generated at <https://eu.odysseybattery.com> 16/11/2021 12:49:15  
Information correct at time of exporting PDF. Please check website for updates.



EnerSys World Headquarters  
2366 Bernville Road  
Reading, PA 19605, USA  
Tel: +1-610-208-1991 /  
+1-800-538-3627

EnerSys EMEA  
EH Europe GmbH  
Baarerstrasse 18  
6300 Zug,  
Switzerland

EnerSys Asia  
152 Beach Road  
Gateway East Building #11-08  
Singapore 189721  
Tel: +65 6508 1780