



## ODS-AGM42LA (PC1200T)

### Battery Type

- SAE automotive brass posts with 3/8 inch threaded receptacle
- Absorbed Glass Mat (AGM) with Thin Plate Pure Lead (TPPL)
- Advanced dual purpose battery for engine start and deep cycle use

### Power and Performance

Voltage	12V
Pulse (5 second) Hot Cranking Amps (PHCA)	1200A
Cold Cranking Amps (CCA)	540A
HCA	860A
MCA	725A
20Hr Nominal Capacity (Ah)	42Ah
10Hr Nominal Capacity (Ah)	40Ah
Reserve Capacity Minutes	78 mins
Terminal	SAE
Torque Spec in-lbs (Nm max)	N/A
Internal Resistance (mΩ)	4.5 mΩ
Short Circuit (A)	2600A
Recommended Min. Charging Current (A)	4A
UPC	635241141115

### 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

Cyclic Charge Voltage	14.4 - 14.8V @ 25°C
Float Charge Voltage	13.5 - 13.8V @ 25°C
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	7.8 in / 198 mm
Width	6.5 in / 165 mm
Height (terminals included)	7.5 in / 191 mm
Height (container)	6.7 in / 170 mm
Weight	38.2 lbs / 17.3 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



**EnerSys World Headquarters**  
2366 Bernville Road  
Reading, PA 19605, USA  
Tel: +1-800-964-2837

**EnerSys EMEA**  
EH Europe GmbH  
Baarerstrasse 18  
6300 Zug, Switzerland

**EnerSys Asia**  
No. 85, Tuas Avenue 1  
Singapore 639518  
Tel: +65 6558 7333

**Want more info?**  
Scan code to access  
the ODYSSEY® Battery  
Literature Library

