



## 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                 |

## 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

# Technical Data Sheet

## ODS-AGM42LMJA (PC1200MJT)

- Metal Jacket; SAE brass automotive 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                                       | 635241141122 |

## Dimensions and Weight

|                             |                    |
|-----------------------------|--------------------|
| Length                      | 7.9 in / 201 mm    |
| Width                       | 6.7 in / 170 mm    |
| Height (terminals included) | 7.6 in / 193 mm    |
| Height (container)          | 6.8 in / 173 mm    |
| Weight                      | 40.5 lbs / 18.4 kg |

See Line Drawing on next page

## Temperature

|                             |                                |
|-----------------------------|--------------------------------|
| Operating temperature range | -40°F / -40°C to 176°F / +80°C |
| Optimum storage temperature | 68°F / +20°C                   |

Technical Data Sheet correct at time of exporting PDF. Please check website for updates.



**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

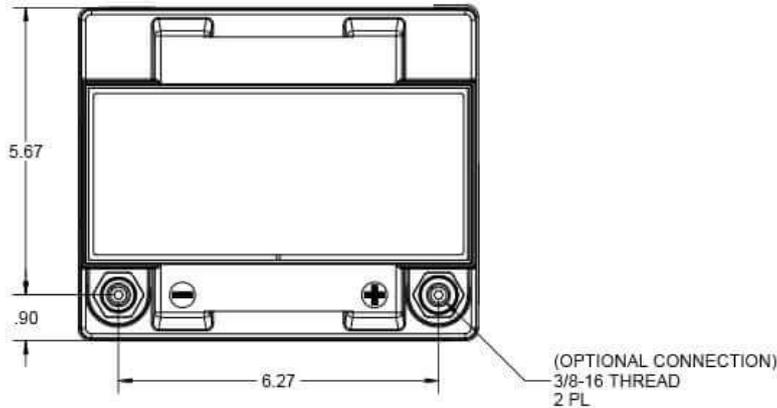
**EnerSys Asia**  
No. 85, Tuas Avenue 1  
Singapore 639518  
Tel: +65 6558 7333

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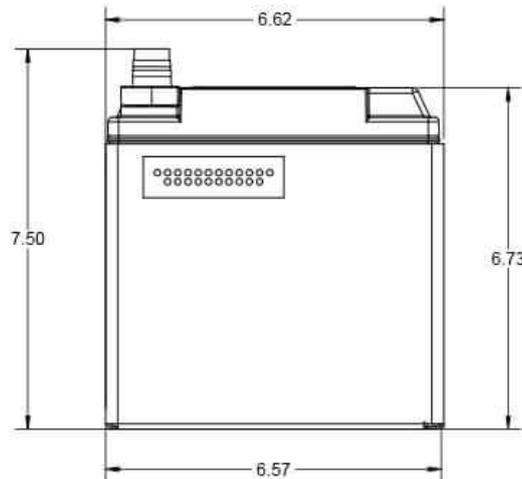
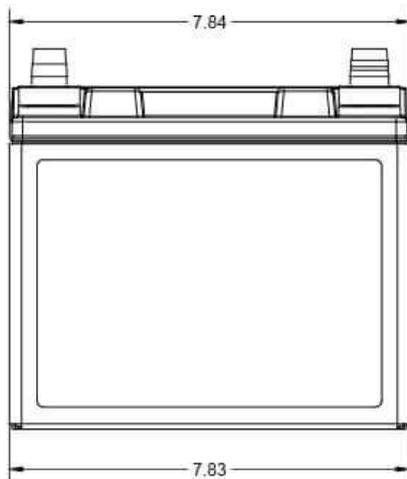


### ODS-AGM42LMJA

#### Line Drawing



### ODS-AGM42LMJA RIGHT POSITIVE SAE TERMINALS



### ODYSSEY batteries – AGM<sup>2</sup> Thin Plate Pure Lead (TPPL) Technology

ODYSSEY<sup>®</sup> AGM<sup>2</sup> Thin Plate Pure Lead (TPPL) batteries feature 99% pure lead plates that are extremely thin, so more of them fit into the battery. More plates mean more power – ODYSSEY AGM<sup>2</sup> TPPL batteries deliver twice the power and three times the service life of any other conventional battery, outperforming standard AGM or SLI (flooded) batteries in terms of power density, fast-charge acceptance, shelf life, durability and most important – value for your money.

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