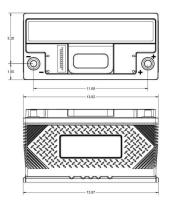




Drawings & Terminal Position





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

| Type of charging curve | IUU |
|--|----------------|
| 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 |



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** 152 Beach Road #11-08 Gateway East Building Singapore 189721 Tel: +65 6416 4800 Want more info? Scan code to access the ODYSSEY® Battery Literature Library



© 2023 EnerSys. All rights reserved. Trademarks and logos are the property of EnerSys and its affiliates unless otherwise noted. Subject to revisions without prior notice. E.&O.E. Date Downloaded: January 31, 2023

PDF Generated at https://eu.odysseybattery.com 01/31/2023 12:58:09 Information correct at time of exporting PDF. Please check website for updates.

Technical Data Sheet

ODP-AGM49 H8 L5

(49-950 (LN5-H8))

Battery Type

- With SAE posts
- Absorbed Glass Mat (AGM) with Thin Plate Pure Lead (TPPL)
- Advanced dual purpose battery for engine start and deep cycle use

Power and Performance

| Pulse (5 second) Hot Cranking Amps (PHCA)1700ACold Cranking Amps (CCA)950AHCA1300AMCA1150A20Hr Nominal Capacity (Ah)94Ah10Hr Nominal Capacity (Ah)85AhReserve Capacity Minutes180 minsTerminalSAETorque Spec in-lbs (Nm max)N/AInternal Resistance (mΩ)4.8 mΩShort Circuit (A)2650A | Voltage | 12V |
|--|---|----------|
| HCA1300AMCA1150A20Hr Nominal Capacity (Ah)94Ah10Hr Nominal Capacity (Ah)85AhReserve Capacity Minutes180 minsTerminalSAETorque Spec in-lbs (Nm max)N/AInternal Resistance (mΩ)4.8 mΩ | , | 1700A |
| MCA1150A20Hr Nominal Capacity (Ah)94Ah10Hr Nominal Capacity (Ah)85AhReserve Capacity Minutes180 minsTerminalSAETorque Spec in-lbs (Nm max)N/AInternal Resistance (mΩ)4.8 mΩ | Cold Cranking Amps (CCA) | 950A |
| 20Hr Nominal Capacity (Ah)94Ah10Hr Nominal Capacity (Ah)85AhReserve Capacity Minutes180 minsTerminalSAETorque Spec in-lbs (Nm max)N/AInternal Resistance (mΩ)4.8 mΩ | HCA | 1300A |
| 10Hr Nominal Capacity (Ah)85AhReserve Capacity Minutes180 minsTerminalSAETorque Spec in-lbs (Nm max)N/AInternal Resistance (mΩ)4.8 mΩ | MCA | 1150A |
| Reserve Capacity Minutes180 minsTerminalSAETorque Spec in-lbs (Nm max)N/AInternal Resistance (mΩ)4.8 mΩ | 20Hr Nominal Capacity (Ah) | 94Ah |
| TerminalSAETorque Spec in-lbs (Nm max)N/AInternal Resistance (mΩ)4.8 mΩ | 10Hr Nominal Capacity (Ah) | 85Ah |
| Torque Spec in-lbs (Nm max)N/AInternal Resistance (mΩ)4.8 mΩ | Reserve Capacity Minutes | 180 mins |
| Internal Resistance (mΩ) 4.8 mΩ | Terminal | SAE |
| | Torque Spec in-lbs (Nm max) | N/A |
| Short Circuit (A) 2650A | Internal Resistance (m Ω) | 4.8 mΩ |
| | Short Circuit (A) | 2650A |

Dimensions and Weight

| Length | 13.9 in / 353 mm |
|-----------------------------|--------------------|
| Width | 6.9 in / 175 mm |
| Height (terminals included) | 7.4 in / 188 mm |
| Height (container) | 7.5 in / 191 mm |
| Weight | 62.8 lbs / 28.5 kg |

Temperature

| Operating temperature range | -40°F/-40°C to 140°F/+60°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

