



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

PDF Generated at https://eu.odysseybattery.com 02/02/2023 15:34:48

Information correct at time of exporting PDF. Please check website for updates.

Technical Data Sheet

ODP-AGM27F

(ELT-AGM27F)

Battery Type

- Group 27 Absorbed Glass Mat (AGM) battery with Thin Plate Pure Lead (TPPL)
- Massive starting power, rapid recovery, and amazing deep cycling capability
- Advanced dual purpose battery for engine start and deep cycle use

Power and Performance

Voltage	12V
Pulse (5 second) Hot Cranking Amps (PHCA)	1500A
Cold Cranking Amps (CCA)	850A
HCA	1150A
MCA	975A
20Hr Nominal Capacity (Ah)	85Ah
10Hr Nominal Capacity (Ah)	79Ah
Reserve Capacity Minutes	182 mins
Terminal	SAE
Torque Spec in-lbs (Nm max)	N/A
Internal Resistance (m Ω)	$3.8~\text{m}\Omega$
Short Circuit (A)	2400A

Dimensions and Weight

Length	12.5 in / 318 mm
Width	6.8 in / 173 mm
Height (terminals included)	8.8 in / 224 mm
Height (container)	8.2 in / 208 mm
Weight	59.7 lbs / 27.1 kg

Temperature

Operating temperature range $-40^{\circ}\text{F}/-40^{\circ}\text{C}$ to $140^{\circ}\text{F}/+60^{\circ}\text{C}$ Optimum storage temperature $68^{\circ}\text{F}/+20^{\circ}\text{C}$

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 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

