

ODYSSEY[®] BATTERY

The battery your whole town can depend on for any job

Due to rising gas prices, municipalities often must choose between reducing the number of vehicles in their fleets, or instructing drivers to shut engines off and draw power for critical auxiliary accessories from the battery. Such frequent deep discharges will shorten the life of conventional batteries, so any gas savings are offset by more frequent battery replacement costs.

The answer is the revolutionary ODYSSEY[®] battery. With a unique Thin Plate Pure Lead (TPPL) technology design and massive deep cycling capability, this virtually maintenance-free, sealed battery has the reserve power to run on-board accessories with the engine off without shortening battery life.

For applications in rugged or extreme environments, the ODYSSEY[®] Extreme battery can handle the highest "key-off" accessory loads and still provide reliable engine starts.

For less demanding applications, the ODYSSEY[®] Performance battery is optimized for engine starts and delivers all of the benefits of TPPL technology.



ODYSSEY[®] CONNECT

BATTERY MONITORING SYSTEM

Check battery* health issues,
long before issues arise.



Scan to learn more

*ODYSSEY Connect battery monitoring system is available with Connect enabled ODYSSEY batteries, including ODX-ACE31.

MILITARY GRADE PLATE DESIGN

Made from 99% pure lead and built to stand up to the harshest environments. ODYSSEY batteries offer slower self discharge, less corrosion and faster recharging.

VIBRATION RESISTANCE

Protection against high impact shock and vibration that cause premature battery failure.

EXTREME TEMPERATURE TOLERANCE

Operating temperatures:
-40°F (-40°C) to 140°F (60°C) – Performance batteries
-40°F (-40°C) to 176°F (80°C) – Extreme batteries

LONGER SERVICE LIFE

Three times longer than conventional batteries.

ODYSSEY® Extreme batteries

12 volt

PART NUMBER	PHCA ² 5 sec [A]	CCA ¹ [A]	20 HR Rate [Ah]	Reserve Capacity [Minutes]	Maximum Length [in (mm)]	Maximum Width [in (mm)]	Maximum Total Height [in (mm)]	Maximum Container Height [in (mm)]	Weight [lb (kg)]	Terminal	Maximum Torque [in-lb (Nm)]	Available with ODYSSEY® Connect System
ODX-AGM34	1500	850	68	135	10.9 (276)	6.8 (172)	7.9 (200)	7.3 (185)	50 (22.5)	SAE	N/A	
ODX-AGM34R	1500	850	68	135	10.9 (276)	6.8 (172)	7.9 (200)	7.3 (185)	50 (22.5)	SAE	N/A	
ODX-AGM65	1750	950	74	145	11.8 (300)	7.2 (183)	7.5 (190)	6.8 (173)	54 (24.5)	SAE	N/A	
ODX-AGM31	2150	1150	103	220	13.0 (330)	6.8 (173)	9.5 (241)	8.5 (216)	78 (35.5)	3/8-16" Stud	200 (22.6) studs only	
ODX-ACE31	2150	1150	103	220	13.0 (330)	6.8 (173)	9.5 (241)	8.5 (216)	78 (35.5)	3/8-16" Stud	200 (22.6) studs only	X

Construction	Thin Plate Pure Lead (TPPL) Absorbed Glass Mat (AGM)
Case Material	Polycarbonate Blend*
Terminals	Tin-Coated Brass/Solid Brass**
Top Lead Style	Over-the-wall***
Warranty	Limited 4-year replacement period on starting; limited 2-year on back-up

ODYSSEY® Performance batteries

12 volt

PART NUMBER	PHCA ² 5 sec [A]	CCA ¹ [A]	20 HR Rate [Ah]	Reserve Capacity [Minutes]	Maximum Length [in (mm)]	Maximum Width [in (mm)]	Maximum Total Height [in (mm)]	Maximum Container Height [in (mm)]	Weight [lb (kg)]	Terminal	Maximum Torque [in-lb (Nm)]	Available with ODYSSEY® Connect System
ODP-AGM34	1500	792	61	124	10.9 (276)	6.8 (171)	7.9 (200)	7.4 (187)	47 (21.0)	SAE	N/A	
ODP-AGM48 H6 L3	1250	760	70	140	10.9 (277)	6.9 (174)	7.4 (189)	7.5 (191)	48 (22.0)	SAE	N/A	
ODP-AGM65	1500	762	64	129	11.8 (301)	7.3 (186)	7.6 (192)	6.8 (172)	50 (22.5)	SAE	N/A	
ODP-AGM31	1750	925	100	200	13.0 (330)	6.8 (173)	9.6 (243)	8.6 (219)	70 (31.5)	3/8-16" Stud	200 (22.6)	
ODP-AGM49 H8 L5	1700	950	95	190	13.9 (353)	6.9 (174)	7.4 (189)	7.5 (191)	63 (28.5)	SAE	N/A	
ODP-AGM94R H7 L4	1500	850	80	155	12.4 (315)	6.9 (174)	7.4 (189)	7.5 (191)	55 (25.0)	SAE	N/A	
ODP-AGM4D	1500	850	85	182	20.4 (518)	8.8 (223)	8.6 (218)	8.3 (208)	117 (53.5)	SAE	N/A	
ODP-AGM8D	1500	850	85	182	20.4 (518)	10.9 (276)	8.9 (225)	8.5 (215)	143 (65.0)	SAE	N/A	

Construction	Thin Plate Pure Lead (TPPL) Absorbed Glass Mat (AGM)
Case Material	Polypropylene
Terminals	Solid Lead/Solid Brass**
Top Lead Style	Through-the-wall
Warranty	Limited 3-year replacement period on starting; limited 2-year on back-up

¹ Cold Start Performance S.A.E J537 Apr 2016

² Pulse Current

*Polycarbonate Blend – Stronger for more rugged environments

**Brass – Provides higher conductivity for higher capacity, as compared to solid lead

***Over-the-wall – Offers lower resistance for higher capacity, as compared to through-the-wall type



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 6431 3700

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

