

ODYSSEY
BATTERY

Engineered to endure the longest hauls.

Purpose-built for longer cycle life and high energy storage and power output, the new ODYSSEY® Evolution ODV-ACE31 battery is ideal for long-haul freight truck applications.

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 ODV-ACE31.

EXTENDED CYCLE LIFE

The ODYSSEY Evolution ODV-ACE31 battery delivers 650+ cycles at 80% Depth of Discharge (DOD) for more uptime and lower total cost of ownership.

HIGH ENERGY STORAGE AND POWER OUTPUT

Combining robust power storage and output, the ODYSSEY ODV-ACE31 battery powers Electric Auxiliary Power Units (EAPUs), driver comfort systems, liftgates, refrigeration units and more.

www.odysseybattery.com



EXCEPTIONAL DURABILITY

Superior vibration and temperature resistance helps the ODYSSEY ODV-ACE31 battery offer up to a 10-year service life.

SMART MONITORING

Equipped with the ODYSSEY Connect battery monitoring system, the ODYSSEY ODV-ACE31 battery's health and performance can be monitored on any Apple® or Android™ smart device.

Powered by **EnerSys**
Power/Full Solutions

A powerful range of purpose-built batteries

PREMIUM
AGM²
TECHNOLOGY

ODYSSEY® Group 31 batteries are built with AGM² Thin Plate Pure Lead (TPPL) technology, and provide reliable deep cycling performance for your specific application scenario.



	ODP-AGM31	ODX-AGM31	ODV-ACE31
Description	Value-priced AGM design with high Cold Cranking Amps (CCA) and Reserve Capacity (RC)	Premium AGM design with extreme Cold Cranking Amps (CCA) and extended Reserve Capacity (RC)	Premium AGM design with extreme Cold Cranking Amps (CCA) and extended Reserve Capacity (RC)
Charge/recharge cycles	400 cycles at 80% DOD	400 cycles at 80% DOD	650+ cycles at 80% DOD
ODYSSEY® Connect Battery Monitoring System	Not Available	Optional	Included
Typical applications	Trucking, Marine, RV, or other applications requiring a G31 footprint	Trucking, Marine, RV, or other applications requiring a G31 footprint	Same fitment as ODX, including Electric Auxiliary Power Units, liftgates, refrigeration units, municipal, first-responder vehicles and more.
Maximum heat tolerance	Up to 140°F (60°C)	Up to 176°F (80°C)	Up to 176°F (80°C)

ODX and ODV Batteries – Rated Operating Temperature -40°F (-40°C) to 176°F (80°C)

ODP Batteries – Rated Operating Temperature -40°F (-40°C) to 140°F (60°C) All values shown are nominal unless otherwise noted.

12 volt

PART NUMBER	PHCA** 5 sec [A]	CCA* [A]	MCA [A]	20 HR Rate [Ah]	Reserve Capacity [Minutes]	Max. Length [in (mm)]	Max. Width [in (mm)]	Max. Total Height [in (mm)]	Max. Container Height [in (mm)]	Weight [lb (kg)]	Terminal	Maximum Torque [in-lb (Nm)]
ODV-ACE31	1650	800	1025	103	220	13.0 (330)	6.8 (173)	9.5 (241)	8.5 (216)	76 (34.5)	3/8-16" Stud	200 (22.6)
ODX-AGM31	2150	1150	1370	103	220	13.0 (330)	6.8 (173)	9.5 (241)	8.5 (216)	78 (35.5)	3/8-16" Stud	200 (22.6)
ODP-AGM31	1750	925	1150	100	200	13.0 (330)	6.8 (173)	9.6 (244)	8.6 (218)	70 (31.5)	3/8-16" Stud	200 (22.6)

* Cold Start Performance S.A.E J537 Apr 2016 **Pulse Current

Visit www.odysseybattery.com for additional product specifications.



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

