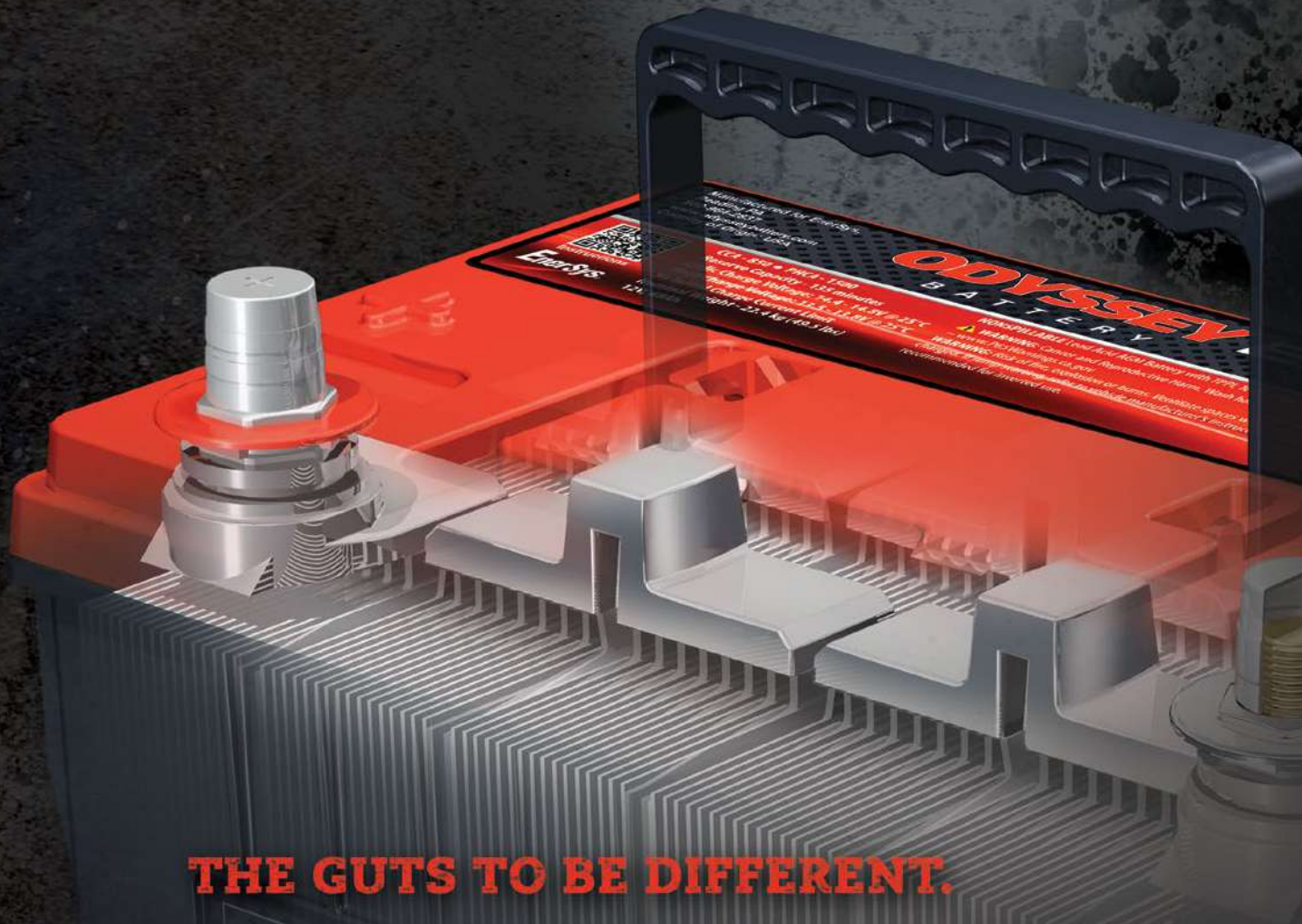


ODYSSEY® PERFORMANCE BATTERIES

ODYSSEY® EXTREME BATTERIES

ODYSSEY® BATTERY



THE GUTS TO BE DIFFERENT.

www.odysseybattery.com



NOW INCLUDING NORTHSTAR® TRANSPORTATION BATTERY PART NUMBERS

You've got what it takes to push yourself further. To drive harder. To endure the knocks and stay out longer. For all of you driven to such extremes, EnerSys® builds the **ODYSSEY® battery**.

2X POWER
3X THE LIFE OF CONVENTIONAL BATTERIES

The first to feature advanced Absorbed Glass Mat (AGM) Thin Plate Pure Lead (TPPL) technology, ODYSSEY batteries deliver twice the power and three times the life of any conventional lead acid battery. It's the pure materials inside an ODYSSEY battery that make this kind of performance possible.

It's the one battery built with...

PURE™ GUTS

Uncover the difference ►



Engineered to run stronger and longer than any conventional battery

You've got what it takes to push yourself further. To drive harder. To endure the knocks and stay out longer. For all of you driven to such extremes, EnerSys® builds the **ODYSSEY® battery**.

2X POWER + **3X THE LIFE** OF CONVENTIONAL BATTERIES

The first to feature advanced Absorbed Glass Mat (AGM) Thin Plate Pure Lead (TPPL) technology, ODYSSEY batteries deliver twice the power and three times the life of any conventional lead acid battery. It's the pure materials inside an ODYSSEY battery that make this kind of performance possible.

It's the one battery built with...

PURE™ GUTS

Uncover the difference ▶

MASSIVE STARTING POWER
Engine cranking pulses up to 2700 amps for five seconds.

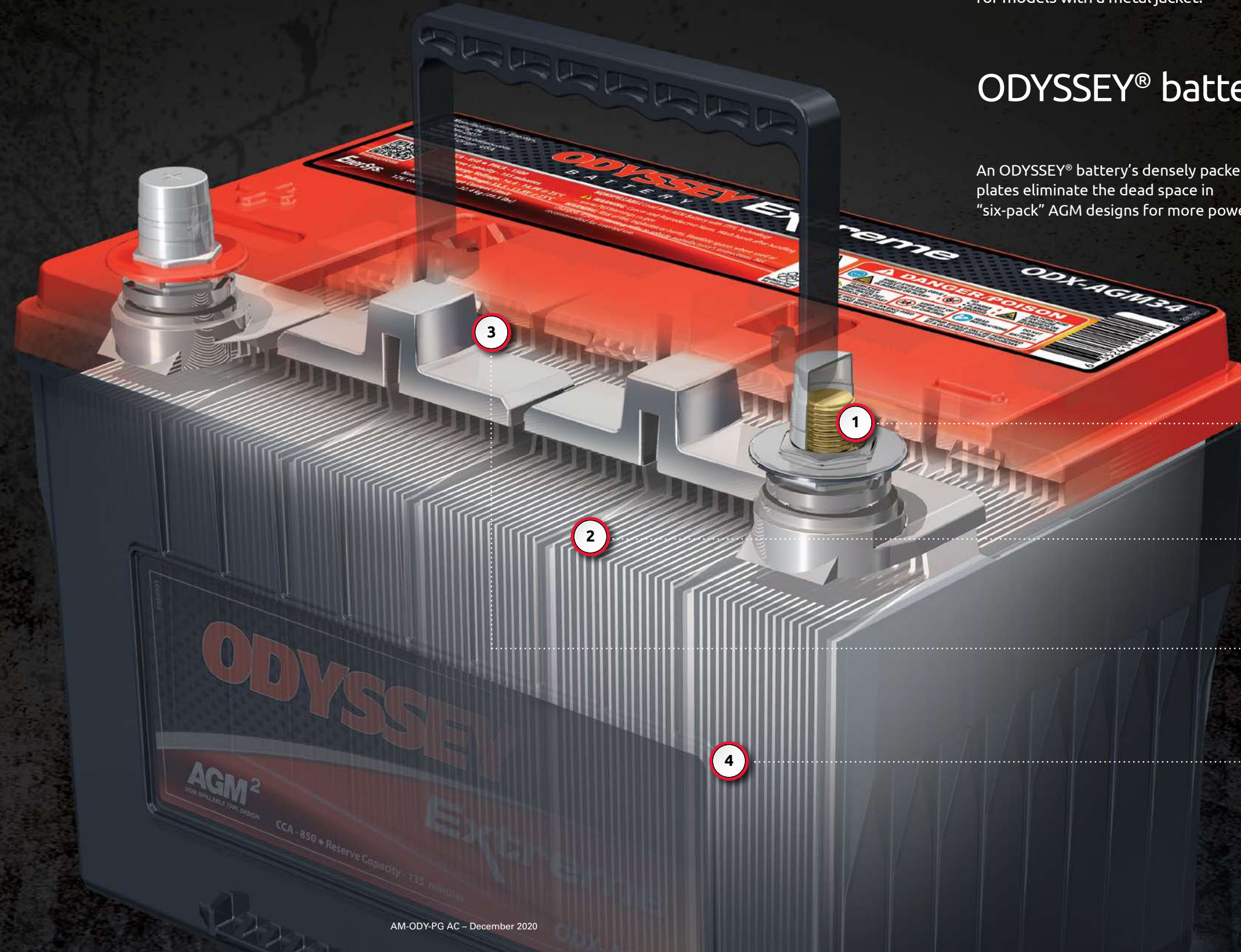
LONGER LIFE
8- to 12-year design life and 3- to 10-year service life.

EXTENDED CYCLE LIFE
400 charge-discharge cycles at 80% depth of discharge.

EXTREME TEMPERATURE TOLERANCE
-40°F (-40°C) to 140°F (60°C) for models without a metal jacket, and from -40°F (-40°C) to 176°F (80°C) for models with a metal jacket.

VIBRATION RESISTANT
Extreme protection against high-impact shocks and vibration.

VIRTUALLY MAINTENANCE-FREE
Sealed, AGM design never requires watering.



ODYSSEY® batteries vs. spiral wound designs

An ODYSSEY® battery's densely packed plates eliminate the dead space in "six-pack" AGM designs for more power.



15%
more plate surface area



■ Unused battery space

- 1 Tin Alloy Coated Brass Terminals**
ensure secure, corrosion-free cable connections (For ODYSSEY® Extreme batteries only; ODYSSEY Performance batteries have lead coated terminals and NorthStar® PRO batteries have exposed brass terminals)
- 2 99% Pure Lead Plates**
are extremely thin, so more of them fit in the battery. More plates = more power
- 3 Robust Intercell Connections**
are cast to the plates and bonded to resist vibration and eliminate internal sparking
- 4 Compressed AGM Plate Separators**
deliver extreme vibration resistance and prevent spills, even when battery is installed on its side

Go further with the ODYSSEY® battery

ODYSSEY® Performance and ODYSSEY Extreme batteries can handle a range of applications and performance demands. Wherever the daily grind takes you, an ODYSSEY battery has the power and endurance to get you through.



ODYSSEY® Battery Chargers

Designed for professional shop users or enthusiasts requiring a charger-to-battery match up, these professional-grade portable chargers fully and safely charge ODYSSEY® batteries and other quality brands of 12-volt Absorbed Glass Mat (AGM) and flooded lead acid batteries.



Go ahead and plug in your phones and tablets – you'll still have massive, reliable starting power for up to 3X longer than conventional batteries.



Get off-road and make sure you get back with the battery that features military-inspired design and rugged construction.



Non-spillable AGM design means an ODYSSEY battery will roll with the curves, while extreme shock and vibration resistance will cushion any blow.



Get out there with big starting power. Stay out there and troll longer with deep cycling power, even as you run accessories and equipment.



Massive deep cycle reserve power keeps the onboard electronics up and running, while trouble-free cranking power helps keep vehicles on the road.



Keep the recreation rolling with the battery built to start the engine, run accessories and go wherever the road takes you.



Obey the no idling laws but keep your onboard accessories running, even if the engine isn't! An ODYSSEY battery will still deliver reliable starts for the long haul.

ODYSSEY® Extreme Batteries

Rated Operating Temperature -40°F (-40°C) to 176°F (80°C)
All values shown are nominal unless otherwise noted.

12 volt

NEW PART NUMBER (Old Part Number)	PHCA** 5 sec [A]	CCA* [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)]	Drawing (Battery Reference Table)
ODX-AGM24 ⁽¹⁾ (NSB-AGM24)	1500	840	76	160	10.9 (276)	6.8 (172)	8.8 (222)	8.8 (222)	57 (26.0)	SAE	N/A	B
ODX-AGM24F (NSB-AGM24F)	1500	840	76	160	10.9 (276)	6.8 (172)	8.8 (222)	8.8 (222)	57 (26.0)	SAE	N/A	A
ODX-AGM34 ⁽¹⁾ (34-PC1500)	1500	850	68	134	10.9 (276)	6.8 (172)	7.9 (202)	7.3 (184)	50 (22.5)	SAE	N/A	B
ODX-AGM34R ⁽¹⁾⁽²⁾ (34R-PC1500)	1500	850	68	134	10.9 (276)	6.8 (172)	7.87 (200)	7.3 (184)	50 (22.5)	SAE	N/A	A
ODX-AGM34 78 ⁽¹⁾⁽³⁾ (34/78-PC1500)	1500	850	68	134	10.9 (276)	6.8 (172)*	7.9 (200)	7.3 (184)	50 (22.5)	SAE & Side	60 (6.8) side terminal only	C
ODX-AGM27 (NSB-AGM27)	1750	930	92	195	12.4 (315)	6.8 (172)	8.8 (222)	8.8 (222)	68 (31.0)	SAE	N/A	B
ODX-AGM27F (NSB-AGM27F)	1750	930	92	195	12.4 (315)	6.8 (172)	8.8 (222)	8.8 (222)	68 (31.0)	SAE	N/A	A
ODX-AGM65 ⁽¹⁾ (65-PC1750)	1750	950	74	145	11.8 (301)	7.2 (183)	7.5 (190)	6.8 (173)	54 (24.5)	SAE	N/A	B
ODX-AGM31 ⁽¹⁾⁽²⁾⁽³⁾ (31-PC2150S)	2150	1150	100	205	13.0 (330)	6.8 (173)	9.5 (241)	8.5 (216)	78 (35.5)	3/8-16" Stud	200 (22.6) studs only	G
ODX-AGM31A ⁽¹⁾⁽³⁾ (31-PC2150T)	2150	1150	100	205	13.0 (330)	6.8 (173)	9.7 (246)	8.5 (216)	78 (35.5)	SAE	N/A	G
ODX-AGM31R ⁽¹⁾⁽³⁾ (31R-PC2150S)	2150	1150	100	205	13.0 (330)	6.8 (173)	9.5 (241)	8.6 (218)	78 (35.5)	3/8-16" Stud	200 (22.6)	F

NorthStar® PRO Batteries

Rated Operating Temperature -40°F (-40°C) to 176°F (80°C)
All values shown are nominal unless otherwise noted.

12 volt

NEW PART NUMBER (Old Part Number)	PHCA** 5 sec [A]	CCA* [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)]	Drawing (Battery Reference Table)
NSB-AGM24 ⁽¹⁾ (NSB-AGM24)	1500	840	76	160	10.9 (276)	6.8 (172)	8.8 (222)	8.8 (222)	57 (26.0)	SAE	N/A	B
NSB-AGM24F (NSB-AGM24F)	1500	840	76	160	10.9 (276)	6.8 (172)	8.8 (222)	8.8 (222)	57 (26.0)	SAE	N/A	A
NSB-AGM34 ⁽¹⁾ (NSB-AGM34)	1500	880	65	134	10.9 (276)	6.8 (171)	7.8 (197)	7.8 (197)	51 (23.0)	SAE	N/A	B
NSB-AGM34 78 ⁽¹⁾⁽³⁾ (NSB-AGM34/78)	1500	880	65	134	10.9 (276)	6.8 (171) †	7.8 (197)	7.8 (197)	51 (23.0)	SAE & Side	60 (6.8) side terminal only	C
NSB-AGM27 (NSB-AGM27)	1750	930	92	195	12.4 (315)	6.8 (172)	8.8 (222)	8.8 (222)	68 (31.0)	SAE	N/A	B
NSB-AGM27F (NSB-AGM27F)	1750	930	92	195	12.4 (315)	6.8 (172)	8.8 (222)	8.8 (222)	68 (31.0)	SAE	N/A	A
NSB-AGM65 ⁽¹⁾ (NSB-AGM65)	1750	950	69	145	11.8 (299)	7.3 (186)	7.4 (188)	7.4 (188)	54 (24.5)	SAE	N/A	B
NSB-AGM31 ⁽²⁾⁽³⁾ (NSB-AGM31)	2150	1150	103	220	12.9 (328)	6.8 (172)	9.3 (235)	9.3 (235)	75 (34.0)	3/8-16" Stud	200 (22.6) stud only	G
NSB-AGM31A ⁽¹⁾ (NSB-AGM31A)	2150	1150	103	220	12.9 (328)	6.8 (172)	9.3 (235)	9.3 (235)	75 (34.0)	SAE	N/A	G
NSB-AGM8D (NSB-AGM8D)	2700	1450	220	500	20.4 (517)	10.8 (275)	9.6 (244)	9.6 (244)	152 (69.0)	SAE	N/A	I
NSB-AGM8DS ⁽²⁾ (NSB-AGM8DS)	2700	1450	220	500	20.4 (517)	10.8 (275)	9.6 (244)	9.6 (244)	152 (69.0)	3/8-16" Stud	200 (22.6) stud only	I

NorthStar® PRO Batteries – Marine and RV Applications

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

12 volt

NEW PART NUMBER (Old Part Number)	PHCA** 5 sec [A]	MCA* [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)]	Drawing (Battery Reference Table)
NSB-AGM24M	1500	1010	76	160	10.9 (276)	6.8 (172)	8.8 (222)	8.8 (222)	57 (26.0)	M	200 (22.6)/100 (11.3) studs only	E
NSB-AGM27M	1750	1080	92	195	12.4 (315)	6.8 (172)	8.8 (222)	8.8 (222)	68 (31.0)	M	200 (22.6)/100 (11.3) studs only	E
NSB-AGM34M	1500	1050	65	134	10.9 (276)	6.8 (171)	7.8 (197)	7.8 (197)	51 (23.0)	M	200 (22.6)/100 (11.3) studs only	E
NSB-AGM65M	1750	1070	69	135	11.8 (299)	7.3 (186)	7.4 (188)	7.4 (188)	54 (24.5)	M	200 (22.6)/100 (11.3) studs only	E
NSB-AGM31M	2150	1370	103	220	12.9 (328)	6.8 (172)	9.3 (235)	9.3 (235)	75 (34.0)	M	200 (22.6)/100 (11.3) studs only	E

*Cold Start Performance S.A.E J537 JUNE 82

**Pulse Current

† Metal jacket available, increases all nominal dimensions

‡ SAE terminal adapter available

§ Hold down kit available^{††}

† Side terminal receptical (add 5/16" (8mm) to container width)



EnerSys World Headquarters
2366 Bernville Road
Reading, PA 19605, USA
Tel: +1-610-208-1991 /
+1-800-538-3627

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

