



FOR IMMEDIATE RELEASE:
September 16, 2020

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EPROPULSION ANNOUNCES E-SERIES BATTERIES

Somerset, N.J. – ePropulsion, the global leader in marine electric propulsion systems and services, announced today the [E-Series](#) Lithium Iron Phosphate (LFP) high-performance batteries for the pinnacle of performance in electric boating.

The most affordable marine batteries on the market and designed precisely to complement ePropulsion’s lines of Spirit and Navy electric outboard engines, the E-Series offers boaters unparalleled functionality, while reducing weight and space requirements compared to traditional AGM lead-acid batteries. A key innovation of the ePropulsion product line is that all outboards are built on a 48V platform, allowing for a greater degree of flexibility. While third-party 48V batteries will work with these powerful engines, the E-Series batteries are designed for optimal performance for the entire range of engines, from 3 HP to 9.9 HP. The E-Series provides long life cycles, consistent performance and smart operation for the easiest ownership experience. Connected with ePropulsion outboards and pod drives via a communication cable, ePropulsion motors are able to read all the data from the Battery Management Systems (BMS) and apply the best operation strategy.

The E-Series LFP batteries are primarily designed to lower the overall cost of electric boating. The chemistry of E-Series batteries is 60% lighter but provides about 50% more usable capacity than AGM lead-acid batteries. As an example, a single 192-pound E175 E-Series battery will provide the same full-throttle run time to an ePropulsion Navy 6.0 6kW 9.9HP electric outboard as a 750-pound AGM battery pack.

In addition, E-Series LFP batteries have a longer life of up to 3,000 cycles, while AGM batteries only reach 300 to 500 cycles. This results in significant replacement cost saving for the E-Series versus lead-acid solutions. If used continuously every day for 8 years, the E-Series will retain more than 80% capacity available. Comparatively, the lead-acid battery has a short life span and for the same usage, will likely need to be replaced every two to three years.

“We are excited to provide high-performance E-Series batteries to North American boaters and ePropulsion customers,” said Chris Ponnwitz, ePropulsion spokesperson and marketing

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specialist, Mack Boring & Parts Company. “Offering an affordable option for powering your electric outboard, the E-Series brings the vast benefits of quiet performance, environmentally responsible propulsion and reliable operation to a wide-range of boaters.”

Available in three models, the E-Series E40, E80, and E175 have a rated voltage of 48V and a lifespan of 3,000 charging cycles. E-Series batteries are tough and corrosion-resistant. Each model can be configured with up to 16 batteries connected in parallel. The E40 has a capacity of 2048 Wh can be charged in 2.5 hours with a 20A charger; weighs 61.7 pounds; and has a width, depth and height of 16.5-inches by 15.4-inches by 8.2-inches, respectively. The 4096 Wh E80 can be charged in 2.5 hours with a 40A charger; weighs 105.8 pounds; and has a width, depth and height of 21.9-inches by 17.3-inches by 8.4-inches, respectively. The 8960 Wh E175 has a 5-hour charge time with a 40A charger; weighs 191.8 pounds; and has a width, depth and height of 19.7-inches by 22.2-inches by 10.9 inches, respectively.

The E-Series E40, E80, and E175 are priced at \$1,199, \$1,999 and \$3,999, respectively and are covered by a two-year limited manufacturer’s warranty. For more information on the ePropulsion E-Series, ePropulsion or its revolutionary electric motors and accessories, please visit www.epropulsion.com.

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About ePropulsion

ePropulsion aims to be the global leader in marine electric propulsion systems and services. ePropulsion is dedicated to providing high-quality electric outboard motors that are eco-friendly, quiet and low maintenance. Used in the pleasure, fishing and commercial marine markets since 2012, our products have proven quality and performance.

ePropulsion E-Series Lithium Iron Phosphate Battery



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