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PRESS RELEASE

Torqeedo reveals new 24-volt lithium-ion battery

Amsterdam, Netherlands (November 12, 2018) – From the world leader in electric mobility on the water, Torqeedo has today made public that its proven 24-volt battery from the Power series will receive a capacity upgrade, a technical update and a new name for 2019. Safe, lightweight and convenient – the new Power 24-3500 is the ultimate 24-volt energy source for Cruise motors or hotel loads.

The new Power 24-3500 can store 30% more power than the previous 24-volt model, now up to 3,500 Wh. This power boost increases the energy density to an impressive 138 Wh/kg. Thanks to their high energy density, Power batteries' volume and weight are more than 70% lower than comparable AGM or lead-gel batteries. This makes the Power 24-3500 and its 48-volt counterpart, the Power 48-5000, simple to handle and light to carry. The new pack tips the scales at just 25.3 kg, only 800 grams more than the prior model, and in the exact same footprint.

Torqeedo's LiNMC (lithium nickel manganese cobalt oxide) batteries are the technology of choice for electric mobility applications. They store significantly more energy than other batteries, maintain a high current (up to 180 amps for the Power 24-3500, a major advantage when supplying an electric drive system), do not lose their charging capacity, supply power reliably even in cold weather and have no memory effect.

The Power 24-3500 is fully waterproof to IP67, can charge quickly and provides a much longer cycle-life than lead-based batteries. The 1,700 W fast charger can fill up the Power 24-3500 in just under two hours, making this lithium pack perfect for recreational or commercial use.

Even with all of these advantages a marine lithium battery must, first and foremost, be safe. Torqeedo's 5-stage safety system and intelligent battery management system (BMS) protects batteries against overcharging, overcurrent, deep discharge, short-circuit and overheating. The Power 24-3500 has each of these comprehensive safety features and each safety-relevant component is duplicated with a backup component should it fail. In addition to these safety features, the BMS safeguards the Power 24-3500's life expectancy with balancing and deep-sleep functionality.

[High-resolution photos](#)

Note: *Torqeedo will showcase the 2019 innovations across its full product line on Stand 01.741, at METSTRADE 2018 in Amsterdam, 13-15 November.*

About Torqeedo

Torqeedo is the market leader for electric mobility on the water. Founded in 2005 in Starnberg, Germany, the company develops and manufactures electric and hybrid drives from 0.5 to 100 kW for commercial applications and recreational use. Torqeedo products are characterized by an uncompromising high-tech focus, maximum efficiency and complete system integration. Torqeedo is part of the DEUTZ Group, one of the world's leading independent suppliers of diesel and natural gas engines. www.torqeedo.com

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