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PRESS RELEASE

Torqeedo unveils more powerful electric motor and battery system

Ideal combination for larger, faster boats: New 100 kW Deep Blue motors and 40 kWh Deep Blue lithium battery provide more power and longer range

Amsterdam, Netherlands (November 12, 2018) – Torqeedo today announced the introduction of two new higher-power versions of its Deep Blue electric propulsion system and a corresponding energy boost in the system's lithium battery pack with technology by BMW i. More powerful 100 kW motors and higher capacity batteries means new levels of performance, opening up possibilities for larger and faster vessels to take advantage of the benefits of electric mobility.

The new, whisper-quiet Deep Blue100i 2400 has been specifically designed and constructed to power fast planing motorboats. The motor of choice for exhilarating acceleration – boats powered with Deep Blue 100i are quicker to plane than boats powered with an equivalent combustion engine due to the incredible torque delivered at low rpm. Its reliable, low-maintenance, direct-drive design delivers extraordinary performance at its full power range, with up to 2,400 rpm and a torque of 390 Nm.

The heavy-duty Deep Blue 100i 900 is suitable for yachts up to 120 feet long, displacement boats and commercial vessels. This robust direct-drive motor delivers the low rotational speeds (900 rpm) necessary to efficiently power displacement hulls. This new addition to the Deep Blue family delivers 100 kW of continuous, emission-free power, ultimate torque, low maintenance and is powered by high-capacity Deep Blue batteries with technology by BMW i.

The new 40 kWh Deep Blue battery (i3-type) brings the latest in automotive-grade lithium-ion technology from the famed motor works of BMW into the marine industry, offering a more than 30 percent increase in energy storage capacity over its predecessor with no increase in footprint. It can be charged up to 75 percent capacity in as little as 1.5 hours when properly equipped and with adequate shore power. The new battery features industry-leading energy density and a comprehensive safety system. Torqeedo has tailored the characteristics of the Deep Blue battery to make it suitable for the marine environment and is offering a nine-year limited battery capacity warranty.

The Deep Blue propulsion and battery systems can also be configured as hybrid solutions for applications where extended motoring is required. Deep Blue Hybrid provides complete onboard energy management with each component's energy use being monitored and managed by the central system, harvesting clean energy when available and storing it for later use in propulsion or for hotel loads. An efficient diesel generator is integrated into the system and used for back-up when the battery supply plus the available renewable energy sources are not sufficient to meet demand.

“All components in the Deep Blue system are designed and industrially engineered as a fully integrated propulsion and energy management system - perfectly matched to provide an emission-free, quiet and powerful boating experience.,” said Torqeedo CEO Christoph Ballin. “The result is exceptional performance and uncompromising safety, compliance with international standards at the system level and intuitive operation.”

[High-resolution photos](#)

Editor’s 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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