

PRESS RELEASE

Düsseldorf, 23 January 2018

Torqeedo and WhisperPower cooperate on new generator for the Deep Blue family

Torqeedo today announced a new 25 kW range extender for its Deep Blue system, optimized for commercial operations and applications which require extended motoring, developed in cooperation with WhisperPower. The 350V DC converter generator boasts a Mitsubishi S4Q2 four-cylinder diesel engine with crankshaft starting.

The range extender's variable frequency operation eliminates the fixed ratio between power, voltage output and rotational speed and produces all required combinations of power and voltage on demand. These sophisticated power electronics also allow the engine to run at its most efficient operating point, minimizing fuel consumption, noise, vibration and exhaust. The range extender consumes only 295g of fuel per kWh of electricity produced and generates very little noise: just 54 db(A) at 7 meters distance.

When integrated into Deep Blue Hybrid, the range extender is part of an advanced feature set which offers unparalleled convenience, luxury and autonomy on board. The system harvests renewable energy from solar panels and hydrogenation to charge the high-capacity batteries, manufactured by BMW i. The powerful Deep Blue electric motors plus all hotel loads, including air conditioning, are silently powered from these sustainable sources. When long-range motoring is required, the generator is controlled automatically by the Advanced Hybrid Control System and ensures worry-free backup power.

"Torqeedo is pleased to enter into this alliance with WhisperPower. The product synergy is perfect." said Christoph Ballin, co-founder and CEO of Torqeedo.

Roel ter Heide, founder and CEO of WhisperPower, is proud the partnership is a done deal now. "We have known each other for many years, in fact both companies have more or less the same age. We have a great deal of respect looking at the achievements of Torqeedo, from starting as a pioneer in this field to becoming market leader now. As electric propulsion systems become more powerful, a backup or auxiliary power system is becoming more and more relevant. This is WhisperPower's core business: smart power generation systems, our so-called Genverters, are based on low-emission, compact diesel engines which we manufacture from 4 kW to 150 kW. As WhisperPower does not intend to go beyond power generation and conversion, Torqeedo is now offering a great opportunity as a customer excelling in green propulsion systems. A perfect match I would say".

Pictures

Find high-resolution pictures at www.torqeedo.com and here:

<http://media.torqeedo.com/press/Torqeedo-boot-2018.zip>



Find the main catalogue 2018 in different languages here:

<http://www.torqeedo.com/en/products/catalogue>

Download this press release:

<http://media.torqeedo.com/press/2018-01-23-PR-Torqeedo-and-WhisperPower.pdf>

About Torqeedo

Torqeedo is the market leader for electric mobility on the water. Founded in 2005 in Starnberg, 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

About WhisperPower

WhisperPower, located in the Netherlands, is a leading company specializing in the design and manufacturing of compact and ultra silent variable speed generators which are part of their hybrid style power systems used in boats, vehicles and off-grid locations. In addition, the company is supplying a wide portfolio of inverters, inverter chargers and other power system related components.

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Torqeedo GmbH, Friedrichshafener Straße 4 a, 82205 Gilching, Germany, phone +49 8153 9215-139, tess.smallridge@torqeedo.com, www.torqeedo.com, [fb.com/torqeedo](https://www.facebook.com/torqeedo)