

TORQUEEDO



Electric motors can achieve the same propulsive power as combustion engines with a significantly lower shaft power because of the different torque curves they produce. Electric motors deliver ample torque, which is available at any rotational speed. This characteristic allows them to turn large, efficient, high-pitch propellers that would cause an equivalent combustion engine to stall at startup. Torqeedo, compare the actual propulsive power of our motors with petrol engines. A Torqeedo motor specified as a “5 HP equivalent” provides the same power as a 5 HP combustion engine, even though its shaft and input power may be lower

An electric drive may simplify your onboard routines. Although charging batteries takes time, Torqeedo owners appreciate the simplicity of just plugging in at the end of the day – no need to find a fuel station or carry cans of fuel down the dock. Owners of Travel or Ultralight systems can charge on board via a 12/24 V supply or the Sunfold 50 solar panel, or bring the lightweight, portable lithium battery home to charge it using the mains charger that is supplied. Cruise and Deep Blue-powered boats plug in to shore power and charge overnight. Need a faster turnaround? The high-capacity batteries from these systems can also be equipped with fast chargers or multiple chargers. Lightweight electric motors are also very easy to handle and store. Our bestselling Travel motors for dinghies, tenders and small sailboats start at just 15.5 kg, including the battery. Motor, battery and tiller also come apart so one piece can be handled at a time. They never leak or stink so your hands and your boat stay clean.



Ultralight Outboard Motors for kayaks, canoes and very light boats.

The name says it all – the lightest Torqeedo outboard weighs only 8.8 kg (incl. battery) and transports anglers to the right spot for a big catch.

It's quick and easy to mount on fishing kayaks so you can focus on the fishing.

The Ultralight comes with lots of power, up to 100 km range, and a new innovative mount that's easier to fix in place, operate and transport.

Tailored mounting options ensure compatibility with many popular kayak brands.

Ultralight 1103 AC (915Wh) - 915 Wh Trolling Motor for Kayak

Product description

- Weight: 15.3 kg complete with battery
- 3 HP equivalent
- With 915 Wh high-performance lithium battery
- Comes including charger, throttle, onboard computer, GPS-based range calculation and emergency magnetic kill switch
- New angler mount with tilt and park mechanism, plus simple integration with the kayak's steering unit.
- Easy to mount on fishing kayaks
- Range of up to 50 km





**Ultralight 403 AC (915Wh)- 915 Wh
Trolling Motor for Kayak**

Product description

- Weight as low as 11.0 kg complete with battery
- 1 HP equivalent
- With 915 Wh high-performance lithium battery
- Comes including charger, throttle, onboard computer, GPS-based range calculation and emergency magnetic kill switch
- New angler mount with tilt and park mechanism, plus simple integration with the kayak's steering unit.
- Easy to mount on fishing kayaks
- Range of up to 100 km

**Ultralight 403 A (915Wh)- 320 Wh Trolling
Motor for Kayak**

Product description

- Weight as low as 8.8 kg complete with battery
- 1 HP equivalent
- With 320 Wh high-performance lithium battery
- Comes including charger, throttle, onboard computer, GPS-based range calculation and emergency magnetic kill switch
- New angler mount with tilt and park mechanism, plus simple integration with the kayak's steering unit.
- Easy to mount on fishing kayaks
- Range of up to 35 km



Travel Outboards For tenders, dinghies and daysailers up to 1.5 tons.

With its integrated lithium battery and outstanding efficiency, our Travel is a great alternative to any small petrol outboard. It can do everything a 3 HP outboard motor can, but is lighter, cleaner, quieter, and more convenient.

Moreover, it easily propels tenders, dinghies and day-sailers up to 1.5 tons and, when required, even over long distances.

The top-of-the range model Travel 1103 C comes with direct drive, a high-capacity 915 Wh battery and a range-extending 73% increase in capacity compared to the base model.

Greater power and durability, yet quieter than ever. The Travel 1103 C runs at just 33 DB – as loud as a whisper – and is the quietest motor in its class.

Travel 1103 CS For tenders, dinghies and daysailers up to 1.5 tons

Product description

- high-efficiency outboard with integrated 915 Wh high-performance lithium battery
- including onboard computer with GPS-based range calculation and charger
- ultra-quiet (33db), clean and compact
- silent direct-drive
- solar-chargeable
- instantaneous throttle response
- 10% more power
- improved durability
- 3 HP equivalent
- emergency magnetic kill switch, short shaft
- completely waterproof (IP67)
- total weight 17.3 kg (S) / 17.7 kg (L)
- shaft length: short 62.5 cm / long 75 cm



Travel 603 S For tenders, dinghies and daysailers up to 1 ton

Product description

- 2 HP equivalent
- 600 W input power
- ultra-quiet, clean and compact
- silent direct-drive
- improved durability
- solar-chargeable
- instantaneous throttle response
- completely waterproof (IP67)
- total weight 15.5 kg
- shaft length: 62.5 cm (equivalent to short shaft)
- floating high-performance lithium battery with 500 Wh
- including onboard computer with GPS-based range calculation and charger



Cruise Outboards For tenders, motorboats and sailboats up to 10 tons.

The durable and extremely robust design is perfect for sailboats, motorboats and commercial applications up to 10 tons.

These long-distance outboards specialists continue to impress with unrivalled efficiency and outstanding range.

Available with remote throttle (R) or tiller (T) control, in 2.0 kW, 4.0 kW and 10.0 kW versions, the Cruise 2.0/4.0 is a lightweight at only 16/17 kg – despite its exceptional power.

Cruise 2.0 TL For tenders, motorboats and sailboats up to 3 tons

Product description

- Improved robustness and improved corrosion protection
- 2,000 W input power, in terms of propulsion is comparable with a 5-hp petrol outboard
- Maximum efficiency outboard
- With tiller control
- Integrated on-board computer with GPS-based range calculation
- 25 mm² cable set (3m) including fuse and main switch
- Emergency magnetic stop key
- Battery cable bridge for lead batteries
- Fuse and main switch





Cruise 2.0 RS For tenders, motorboats and sailboats up to 3 tons

Product description

- Improved robustness and improved corrosion protection
- 2,000 W input power, in terms of propulsion is comparable with a 5-hp petrol outboard
- Maximum efficiency outboard
- Integrated on-board computer with GPS-based range calculation
- 25 mm² cable set (3m) including fuse and main switch
- Emergency magnetic stop key
- Battery cable bridge for lead batteries
- Fuse and main switch

Cruise 4.0 TS For tenders, motorboats and sailboats up to 4 tons

Product description

- Improved robustness and improved corrosion protection
- 4,000 W input power, in terms of propulsion is comparable with an 8-hp petrol outboard
- Maximum efficiency outboard
- With tiller control
- Integrated on-board computer with GPS-based range calculation
- 25 mm² cable set (3m) including fuse and main switch
- Emergency magnetic stop key
- Battery cable bridge for lead batteries
- Fuse and main switch



Cruise 4.0 RS For tenders, motorboats and sailboats up to 4 tons

Product description

- Improved robustness and improved corrosion protection
- 4,000 W input power, in terms of propulsion is comparable with a 8-hp petrol outboard
- Maximum efficiency outboard
- Integrated on-board computer with GPS-based range calculation
- 25 mm² cable set (3m) including fuse and main switch
- Emergency magnetic stop key
- Battery cable bridge for lead batteries
- Fuse and main switch



Cruise 10.0 TS

Product description

- Tiller-equipped version of the Cruise 10.0
- 12 kW peak output, 10 kW continuous output – powerful propulsion comparable to a 20 HP combustion engine
- Intelligent on-board computer and the full convenience of a Torqeedo electric drive system
- Electric tilting device for ease of operation
- Easy handling thanks to low-voltage level (48 Volt)
- Very robust design – corrosion-protected, sea water-capable and completely waterproof (IP67)
- Slimline construction - elegant and modern
- Versions: short shaft S: 38.5cm shaft length, long shaft L: 51.2cm shaft length, extra-long shaft XL: 63.9cm shaft length
- Weight: 60.3 kg (S), 61.8 kg (L), 63.0 kg (XL)
- To operate the Cruise 10.0 with more than two Power 48-5000 batteries, please contact your Torqeedo dealer
- Please note that the engine power is reduced to 6 kW when operating with only one Power 48-5000 battery



Deep Blue drives for motorboats

Deep Blue is the first and only series-production high-power electric drive system for motorboats and offers exceptional performance, high safety standards and easy operation.

As a fully integrated propulsion and energy management system, Deep Blue is customizable with modular components and perfectly suitable for demanding marine deployment.

Outboards available with 40 PS und 80 PS. R models controlled via remote throttle.

Deep Blue 25 RL System for commercial operators and green boaters.



Product description

- Outboard system with remote steering and remote throttle that is 40-hp equivalent
- A synthesis of performance and a perfectly integrated overall system with a ground-breaking safety concept that sets Deep Blue apart from all other electric drive systems on the market
- All the components of the system are perfectly engineered to match each other and are completely watertight
- We provide a 9-year warranty on the Deep Blue's battery capacity
- Electric boat propulsion is not only powerful and safe, it is also a genuine commercial alternative for heavy users
- Transparent maintenance overhead. An electric drive system requires far less maintenance than comparable drive systems using fossil fuel
- Shaft length: 51 cm (short shaft) / 63.5 cm (long shaft)

POA

Deep Blue 50 RXL System for commercial operators and green boaters.

Product description

- Outboard system with remote steering and remote throttle that is 80-hp equivalent
- A synthesis of performance and a perfectly integrated overall system with a ground-breaking safety concept that sets Deep Blue apart from all other electric drive systems on the market
- All the components of the system are perfectly engineered to match each other and are completely watertight
- We provide a 9-year warranty on the Deep Blue's battery capacity
- Electric boat propulsion is not only powerful and safe, it is also a genuine commercial alternative for heavy users
- Transparent maintenance overhead an electric drive system requires far less maintenance than comparable drive systems using fossil fuel
- Shaft length: 51 cm (short shaft) / 63.5 cm (long shaft)

POA



Superior Battery Technology

Lithium-based batteries are the technology of choice for electric mobility applications. They store significantly more energy than all other batteries, they maintain a high current – a major advantage for electric drive systems – they do not lose their charging capacity, they supply power reliably even in the cold and have no memory effect. They also provide many more cycles than lead-based batteries.

Torqueedo has been a pioneer in the development of lithium batteries for marine applications for more than a decade. Since we make our batteries just a little bit better each year, we offer the most comprehensive and integrated protection and safety concept for lithium batteries on the market – coupled with performance and convenience.

- High energy density
- Long service life
- Robust
- Highest quality and safety standards

Power 24-3500

High-performance lithium battery

Product description

- High-performance lithium battery 3,500 Wh
- Energy power density to 138 Wh / kg
- Weight is just 25.3 kilograms
- 12 hours to fully recharge with the standard 350-watt charger
- Optional 1700-watt fast charger recharges under 2 hours
- Waterproof to IP67
- Including battery management system with integrated protection against overcharging, short circuit, deep discharge, polarity reversal, overheating and submersion



Power 48-5000

High-performance lithium battery



Product description

- High-performance lithium battery 5.000 Wh
- Rated voltage 44.4 V
- Weight 36,5 kg
- Including battery management system with integrated protection against overcharging, short circuit, deep discharge, polarity reversal, overheating and submersion
- Waterproof to IP67

Charger for Power 48-5000

Product description

- Waterproof to IP65
- 650W charging power
- The Power 48-5000 system may consist of up to two batteries connected in parallel. For faster charging, up to three chargers can be connected to the Power 48-5000 system.
- Charges the Power 48-5000 from 0 to 100% in a maximum of 10 hours.
- TorqLink data interface – enables fast data exchange between TorqLink components without gateway



Fast charger 1700 W - Power 24-3500 (Power 26-104)

Product description

- Charges the Power 26-104 (2103-00) and Power 24-3500 (2106-00) with up to 1700 W
 - From 230 V power supply: max. 60 A (max. 1700 W)
 - From 110 V power supply: max. 26 A (max. 750 W)
- Charging time for Power 26-104 from 0 to 100%
 - From 230 V power supply: less than 2 hours
 - From 110 V power supply: less than 4 hours
- Charging time for Power 26-3500 from 0 to 100%
 - From 230 V power supply: less than 2.5 hours
 - From 110 V power supply: less than 5 hours
- Waterproof to IP65



Fast charger - Power 48-5000



Product description

- Charge current 50 A
 - Charges the Power 48-5000 from 0 to 100% in < 2 hours
 - Waterproof to IP65
 - TorqLink data interface – enables fast data exchange between TorqLink components without gateway
 - When using the aluminium throttle (1949-00, 1950-00, 1951-00, 1952-00) or the TorqLink throttle (1976-00), the charging power – can be reduced via the menu setting
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