

# Oceanis 30.1 Torqeedo electric engine

Oceanis 30.1  
\*1 1T41 U / \*1 1T41 A Option

Engine power with several advantages: an engine that is environmentally friendly, silent, light (weight loss of 220 kg / 485 lbs VS standard engine power), and reliable.

- Cruise 6.0 FP TorqLink Torqeedo Pod , fixed five blades propeller
- Power 48-5000 W Lithium battery (a second 5000 W battery can be added to double the autonomy- not offered as option)
- 650 W charger
- Control on starboard console



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## Cruise 6.0 FP TorqLink POD

High-efficiency pod motor

Onboard computer and display with GPS-calculated range and runtime

Smaller and lighter than combustion saildrives

Highest-grade seawater-proof aluminum for long service life, even in the harshest conditions

Comprehensive galvanic corrosion protection through careful matching of all materials and meticulous isolation of materials with different electrochemical properties.



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## Engine control

With its bright, easy-to-read colour display, this new throttle is the perfect control for your TorqLink-equipped Cruise 6.0 system. It displays all critical system data at the push of a button and boasts infinitely variable forward and reverse in a high-tech design. And it has Bluetooth built in for easy connection with TorqTrac, the Torqeedo smartphone app.



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## Graphical user interface:

### Main screen

The throttle has three main screens:

- Speed mode: central display of the GPS speed
- Power mode: central display of the motor power
- Range mode: central display of the remaining travel time, distance and battery charge status

You can switch between the main screens with the  $\wedge$  and  $\vee$  buttons.

Please note that the elements, the values displayed and their position may change after a software update.



- 1. GPS speed
- 2. Battery charge status (SOC)
- 3. Range



- 4. Propeller speed
- 5. Motor power
- 6. Remaining travel time



- 7. Neutral icon
- 8. Message log icon
- 9. Charge icon

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## High-performance lithium battery 5.000 Wh

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.

- High energy density
- Long service life
- Robust
- Highest quality
- Safety standards

Rated voltage 44,4 V

Weight 36,5 kg / 80 lbs

Including battery management system with integrated protection against overcharging, short circuit, deep discharge, polarity reversal, overheating and submersion

Waterproof to IP67



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## 650 w charger:

Charges the Power 48-5000 from 0 to 100% in a maximum of 10 hours.

Waterproof to IP65



The service AGM battery has been kept, it can be recharged by the engine battery with a 48/12V inverter which is supplied.

This recharge can only be carried out if the engine battery has a charge level of at least 25% (=1500w).

Blocking it at this level preserves the power range