

# Deep Blue

for Sailboats

**TORQUEEDO**

- + Deep Blue is the electric drive system of choice for the world's most reputable boat brands
- + Motors up to 100 kW are available in inboard or saildrive configurations
- + Upgraded 40 kWh batteries deliver the latest in automotive technology, adapted for marine use
- + Sets industry standards for production quality & safety systems, approved by RINA certification
- + Clean, renewable energy generation with optional automatic generator backup

Yachts up to 120 feet / Boats in nature reserves

25<sup>kW</sup>

50<sup>kW</sup>

100<sup>kW</sup>

## Throw off the bowlines

When designing a new sailing yacht or contemplating a refit, each component must be evaluated to be sure it does its job, works well with the rest of the onboard systems, and provides the best possible user experience. Deep Blue and Deep Blue Hybrid, with powerful electric motors available up to 100 kW, make yachting more convenient and more environmentally friendly, while reducing dependence on shore supplies through onboard generation of clean, renewable power. Add in world-wide service, a 9-year limited battery warranty, and the peace of mind that comes with choosing the world leader in electric mobility on the water and this choice couldn't be clearer.

## Deep Blue 50/100 SD

Torqueedo now offers a new power range of electric sail-drives, integrating the proven drive train technology of Deep Blue with saildrive legs from ZF. The quiet, emission-free fixed saildrives are reliable components for environmentally friendly bluewater sailing. Both saildrives are designed for sailing speeds up to 30 knots for high-performance sailing and efficient hydrogeneration, keeping your system charged while under sail. Deep Blue 50 SD easily mounts on Yanmar engine beds. Deep Blue 100 SD is a custom integration - contact us during your design-in phase.



Deep Blue 100 i 900



Deep Blue 25/50 i



Deep Blue 50 SD



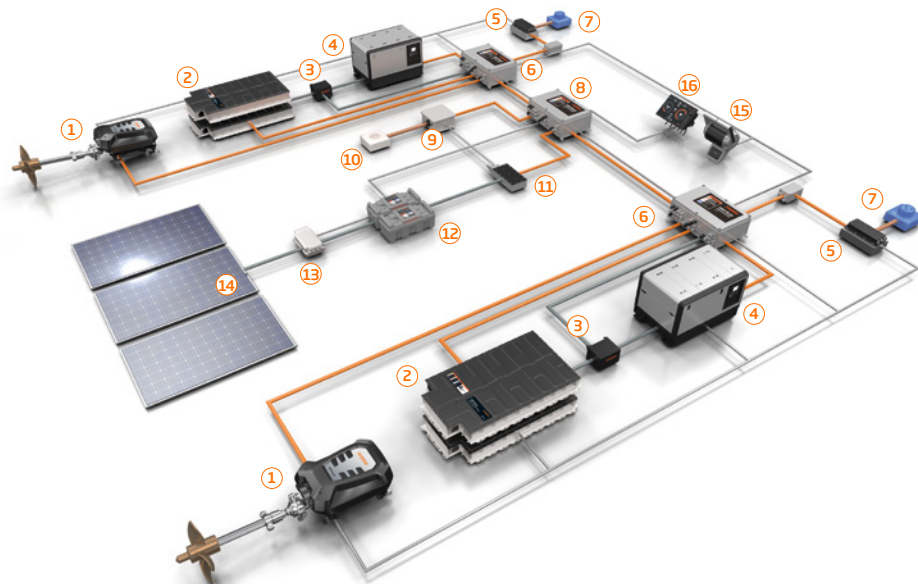
Deep Blue 25 SD

## Technical data

	Deep Blue 25i 1400	Deep Blue 50i 1400	Deep Blue 100i 900	Deep Blue 25 SD	Deep Blue 50 SD
Max. propeller speed	1,400 rpm	1,400 rpm	900 rpm	1,360 rpm	1,200 rpm
Shaft power (continuous)	25 kW	50 kW	100 kW	25 kW	50 kW
Shaft power (peak)	30 kW	60 kW	-	30 kW	55 kW
Torque	343 Nm (peak)	350 Nm	1060 Nm	180 Nm	400 Nm
Weight (incl. electronics)	85 kg	85 kg	465 kg	125 kg	162 kg

## Deep Blue Hybrid system

This integrated, modular system is suitable for larger vessels, oceangoing yachts or commercial vessels with complex onboard energy requirements. Deep Blue Hybrid provides comprehensive energy management. Each component's energy demands are monitored and managed by the central system, ensuring economical collection and distribution of clean, renewable energy with automatic generator backup when necessary.



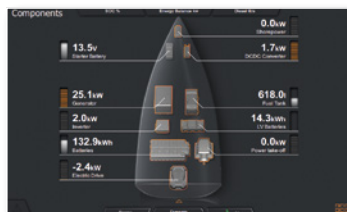
- 1 Powerful electric motor
- 2 360 V high-capacity lithium battery system
- 3 12 V batteries
- 4 Efficient state-of-the-art diesel generator
- 5 Shore power chargers
- 6 System management unit

- 7 Shore power connection
- 8 System connection box
- 9 AC inverter
- 10 Isolated AC power system (120/240 V AC current, 50/60 Hz)
- 11 Bi-directional DC/DC converter

- 12 24 V on-board batteries
- 13 Solar charge controller
- 14 Photovoltaic modules
- 15 Electronic throttle
- 16 Display with onboard computer



**Main menu:** Navigate easily between different categories.



**System management:** Provides status data on all system components.



**Drive screen:** All important information needed while motoring. You can choose to display or hide the information line at the top.



**Energy flow:** Understand your system's power balance & energy flow at a glance.

## Always in control

Deep Blue offers intuitive operation presented on the multifunctional display, providing a complete overview of the entire system and access to all control functions. The software keeps an eye on everything and prevents issues like deep-discharging batteries. An easy-to-understand graphical user interface is available as either multihull or monohull and delivers complete, up-to-the-minute system visualisation.



**TORQUEEDO**

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Part no. 8131-00

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