

Power console

The complete electric propulsion solution

Outboard and all-in-one console unit for rapid deployment



Easy and flexible installation

No wiring requirement, simply plug and play. Be up and running in less than 15 minutes. Able to set up in a variety of configurations to suit skipper preference – the control station can be mounted either forward or aft.



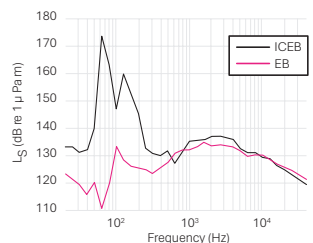
Thermal imaging

The RAD 40 produces significantly less heat compared to a conventional combustion outboard, resulting in a much lower thermal signature. Ideal for applications where stealth and reduced environmental impact are key.



Sound and signature

Significant reduction in airborne noise and underwater signature compared to internal combustion equivalent. Limits impact on surrounding environment and detection.



Power console package

Specification

Dimensions	1050 mm L x 435 mm W x 574 mm H (folded)
Console weight	165 kg
Battery capacity	21 kWh
Range (low speed, 20°C / 3°C air)	21 / 19 nm
Range (high speed, 20°C / 3°C air)	10 / 8 nm
Max. charge rate (DC)	21 kW
Max. charge rate (AC)	6.6 kW



Mechanical

- Drive weight:
100 kg
- Materials:
HDPE / aluminium
- Deck mounting:
Quick release latch

Operating conditions

- Air temperature:
-10°C to +55°C
- Water temperature:
-5°C to 35°C
- Storage temperature (air):
-25°C to 60°C

Performance

- Propulsion power:
40 kW (~55hp)
- Max speed (light load):
22 knots
- Max speed (full load):
18 knots

Power console+ package

Specification

Dimensions	2200 mm L x 435 mm W x 574 mm H (folded)
Console weight	295 kg
Battery capacity	42 kWh
Range (low speed, 20°C / 3°C air)	41 / 37 nm
Range (high speed, 20°C / 3°C air)	18 / 15 nm
Max. charge rate (DC)	45 kW
Max. charge rate (AC)	6.6 kW



Notes:

1. All performance and range values assume correct and efficient vessel assembly and operation (i.e. correct vessel inflation, trim and balance)
2. The quoted performance values assume that the system is correctly maintained
3. All performance, range and charging values are accurate to $\pm 10\%$ tolerance
4. Max DC charge rate is managed by integrated BMS. Charging infrastructure must be capable of delivering sufficient power to permit maximum charge rates
5. Full load is defined as 11 persons onboard, light load is defined as five persons onboard
6. Image shows RAD standard console package
7. Low speed deemed to be 5 knots or less, high speed 15 knots or more
8. Range based on a Zodiac MARK 5 performance.