


Fitted at the point of manufacture between the engine and gearbox, Integrel E-Drive 15 SE delivers 20 hp of electric propulsion and 15 kW of power generation for single engines and monohulls.

Multihulls with dual-engine configurations can be fitted with Integrel E-Drive 30 DE for 30 kW of power and 40 hp propulsion.

The system seamlessly accommodates both sail drive and shaft drive, adding <150mm to the axial length of the engine and gearbox, without compromising on space or performance.

	15 SE 	30 DE 
Engine range (hp)	45 - 115	45 - 115
Voltage (V)	48	48
E-Power (kW)	15-20	30-40
E-Drive (hp)	20	40
Torque (NM) Continuous/Peak	120 / 200	240 / 400
Axial length (mm)	150	150
Diameter (mm)	300	300
Availability	Q4 2024	Q4 2024
Cooling	Air	Air

Generate. Drive. Repeat.

Integrel E-Drive operates in various modes to suit the conditions.

Generation Mode

1. Generate power with the engine out-of-gear
2. Generate power while the engine is driving the boat

Drive Mode

1. Drive the boat with the engine (E-Drive off)
2. Drive the boat with E-Drive (Engine off).

Hybrid Mode

Integrel automatically manages power generation and propulsion depending on throttle demand and whether the engine is powered on or off according to the following table.

	Engine ON	Engine OFF
Out of gear	Generate power No drive	No generation No drive
In gear (low throttle demand)	No generation Boat driven by E-Drive	No generation Boat driven by E-Drive
In gear (high throttle demand)	Generate power Boat driven by engine (speed limited by engine)	No generation Boat driven by E-Drive (speed limited by E-Drive)

