

ECO38HY



Daily operational mode: Short-term high-speed cruising and long-term low-speed operation utilizing a parallel hybrid propulsion system.

We offer the ECO38HY hybrid-powered passenger vessel, which operates silently and vibration-free with battery propulsion at low speeds, and with both the main engine and electric motors engaged for high-speed navigation. To reduce operating costs and environmental impact, we must consider the following two aspects: propulsion efficiency and energy savings

LOA (m)	38
B max (m)	9.6
Draft (m)	1.32
Displacement (t)	135

>> DIMENSION

Cruising time(h)	6
Cruise Range(Nm)	660
Maximum Speed(knots)	25
Crew (person)	6
Battery	2 x 500 kWh@ ESS
Battery Charge	2 x 180kW DC Fast Charging

>> PERFORMANCE

Full Electric Propulsion System

Twin Diesel Main Engines
809KW@1500RPM

Hybrid System
2 x Vulkan Hybrid Inline H1000

Danfoss Edition
2 x 200kW

>> PROPULSION SYSTEM

- ✓ High-Speed Ferry Between Offshore Islands
- ✓ Parallel Hybrid Propulsion System
- ✓ Utilizing ASV Technology

>> FEATURE