

# Hybrid Tug

## PM2310HY



The motor directly drives the shaft system and ducted propellers, ensuring straight-line navigation of the tugboat.

LOA (m)	23
LWL(m)	22
Depth(m)	4.1
B max (m)	6.5
Draft (m)	2.8
Displacement (t)	<500

### >> DIMENSION

Fix Point BP (t)	15
Cruise Range(Nm)	70
Cruise Speed(knots)	8
Crew (person)	4
Battery	2 x 755 kWh@ ESS
Charge	DC Fast Connection

### >> PERFORMANCE

### Hybrid Propulsion System

Variable-speed Diesel Generator Sets  
2 x 500kW/690V @1800RPM

Rotary Screw Propeller + Propulsion Motor  
2 x 440kW

DC and AC Distribution Panel  
DC750V & AC400V

### >> PROPULSION SYSTEM

- ✓ Classic Design
- ✓ Hybrid Propulsion
- ✓ Rapid Response
- ✓ Reducing Emission

### >> FEATURE