

Diesel-electric Propulsion System for Ferry

Key Specifications

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| Main Generator Set | No. of generator set: 2 Maker: Caterpillar Model: C18 Marine Generator Set Rating: 425 kW (531 KVA) @1800 rpm, 60 Hz Engine: 6-cylinder in line diesel engine Emission standard: EPA Tier 3/IMO II |
| Auxiliary Generator Set | No. of generator set: 1 Maker: Caterpillar Model: C7.1 Marine Generator Set Rating: 118 kW (148 KVA) @1800 rpm, 60 Hz Engine: 6-cylinder in line diesel engine Emission standard: EPA Tier 3/IMO II |
| Propulsion Motor | No. of motor: 2 Maker: Dezhou Hengli Model: YVF2-4503-8-H Rating: 500 kW, 440 V, 60 Hz |



#1 main diesel generator (for propulsion)



#2 main diesel generator (for propulsion)



Auxiliary diesel generator



Propulsion motor