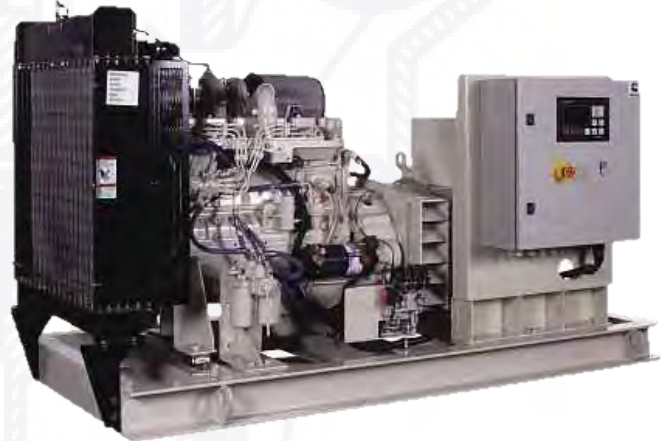


6B-CS

MARINE GENERATING SETS

SPECIFICATIONS

ENGINE MODEL	CUMMINS 6BT5.9-D(M)
ALTERNATOR	NEWAGE UCM274E
AVR TYPE	MX341
OPERATING FUEL	#2 DIESEL, MGO
AGENCY APPROVALS	ABS, BV, DNV, GL, LR
EMISSIONS	IMO



PRIME POWER RATINGS

ENGINE MODEL	POWER* @ RPM	kV-A @ 0.8 pf	FREQUENCY	VOLTAGE	FUEL CONSUMPTION	
					RATED SPEED L/hr	ISO** L/hr
6B-CS74DM/5	74 kWe @ 1500	93	50 Hz	380, 400, 415	22.4	11.3
6B-CS92DM/6	92 kWe @ 1800	115	60 Hz	416, 440, 460, 480	27.1	14.0

* kWe reflects the approximate amount of power available when used in a keel cooled genset configuration

** Average fuel consumption based on ISO 8178 D2 Standard Test Cycle

DIMENSIONS

LENGTH	2320 mm
WIDTH	1250 mm
HEIGHT	1280 mm
WEIGHT	1370 kg

Dimensions and weight may vary based on selected engine configuration

SAFE DESIGN FEATURES

- World-class Cummins diesel engines matched to industry-leading Cummins alternators. Engineered for ultimate reliability to back up primary ship's power
- Independent controls ensures the set is ready to on the board when it is most needed
- Cost-efficient solution with minimized maintenance and service requirements
- Available with multi-station alarm and monitoring panels via a local digital network to match application requirements
- Integrated alarm system can be configured to communicate with ship's central data systems
- Flexible configurations available to customize the generating set to the vessel's operation and requirements
- Comprehensive warranty applies to entire generating set and is valid globally

6B-CS

MARINE GENERATING SETS

ENGINE FEATURES

- Rugged in-line, six cylinder turbocharged diesel engine designed for reliability and low maintenance requirements. Optional electronic speed governor
- Set-mounted radiator cooling with 50°C air blower fan
- Fitted with an independent start system not dependent on ship's start systems or "changing out starter" methods
- Conforms to SOLAS surface temperature requirements and classifiable for Unmanned Machinery Space (UMS) applications as defined by IACS society rules
- Classification Society type approvals available
- Classed level units fitted UMS engine monitoring and control system with spring starter and dual port flywheel housing
- Classed level units fitted with superior aluminum extruded wiring harness, duplex filtration and type-approved hardware

ALTERNATOR FEATURES

- 12 wire, 3-phase alternator provides a broad range of re-connectable outputs
- Designed specifically for marine applications with an IP23 rating
- Single bearing close coupled permanent magnet generator provides constant excitation under all conditions
- Standard 2/3 pitch windings avoid excessive neutral currents
- Classifiable for Unmanned Machinery Space (UMS) applications as defined by IACS society rules
- Dynamically balanced rotors with sealed-for-life ball bearings
- Integrated anti-condensation heaters and two sets of Thermistors