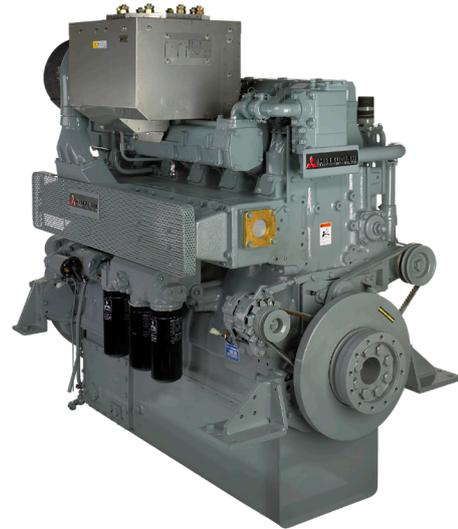


S6R2-T2MPTAW3
610 kW | MARINE GENERATOR
IMO TIER II

MITSUBISHI MARINE ENGINE

RELIABLE MECHANICAL ENGINE



ENGINE DATA

Engine model	S6R2-T2MPTAW3
Cylinder configuration	6 in-line
Total displacement	29.96
Bore x stroke (mm)	170 x 220
Flywheel and housing	SAE 18 / SAE 00
Compression ratio	14.0:1
Dry weight (kg)	2960

Method of operation

4-stroke, water-cooled diesel engine, with direct-injection, turbocharger and air-cooler

Cooling method

separate high and low temperature cooling circuit; charge air cooler by closed freshwater system controlled by thermostat (intercooler)

RATING^{1,2}

Application	Diesel-Electric Propulsion	Auxiliary Generator
Rating	DEP	Prime
Output (kW)	610	610
Output (bhp)	818	818
Engine speed (rpm)	1200	1200
Emissions	IMO Tier II	

¹ For rating definitions, please see our website.

² Atmospheric condition: barometric pressure: 100kPa, ambient temperature: 298K, relative humidity: 30%.

STANDARD AND OPTIONAL EQUIPMENT

STANDARD EQUIPMENT

Fuel system

- Flexible fuel supply - and return hoses
- Fuel feed pump
- Fuel fine filters, change-over type
- Fuel injection pump
- Dual walled high-pressure fuel lines
- Fuel injectors

Lubricating oil system

- Wet type oil pan with inspection covers
- Oil pressure pump, gear driven
- Lubricating oil filters, change-over type
- By-pass filter
- Oil cooler with thermostat

Starting and electrical system

- Electric starter (Earth floated 24V)
- Alternator, 30 Amps.
- Stop solenoid (ETS)

Cooling system

- Fresh water pump including piping and thermostat (HT)
- Front pulley PTO standard

Air inlet system

- Mitsubishi turbocharger
- Air inlet silencer with pre-cleaner

- Inlet air aftercooler or intercooler
- Inlet manifolds or ducts

Exhaust system

- Stainless steel insulation (SOLAS)

Other

- Mounting brackets for rigid mounting
- Flywheel and housing, SAE standard
- Torsional vibration damper

Monitoring system

- Complete digital monitoring system
- Sensor package; sensors mounted on engine with terminal box

Starting and electrical system

- Air starter motor (30 bar)

Cooling system

- Cooling system with freshwater pump, V-belt including piping and thermostat (LT)
- Cooling water heater with circulation pump

Exhaust system

- Flexible expansion joint

OPTIONAL EQUIPMENT

Classification

We are cooperating with many of the major classification societies.

Governor (mandatory)

- Electronic governor, with speed control box

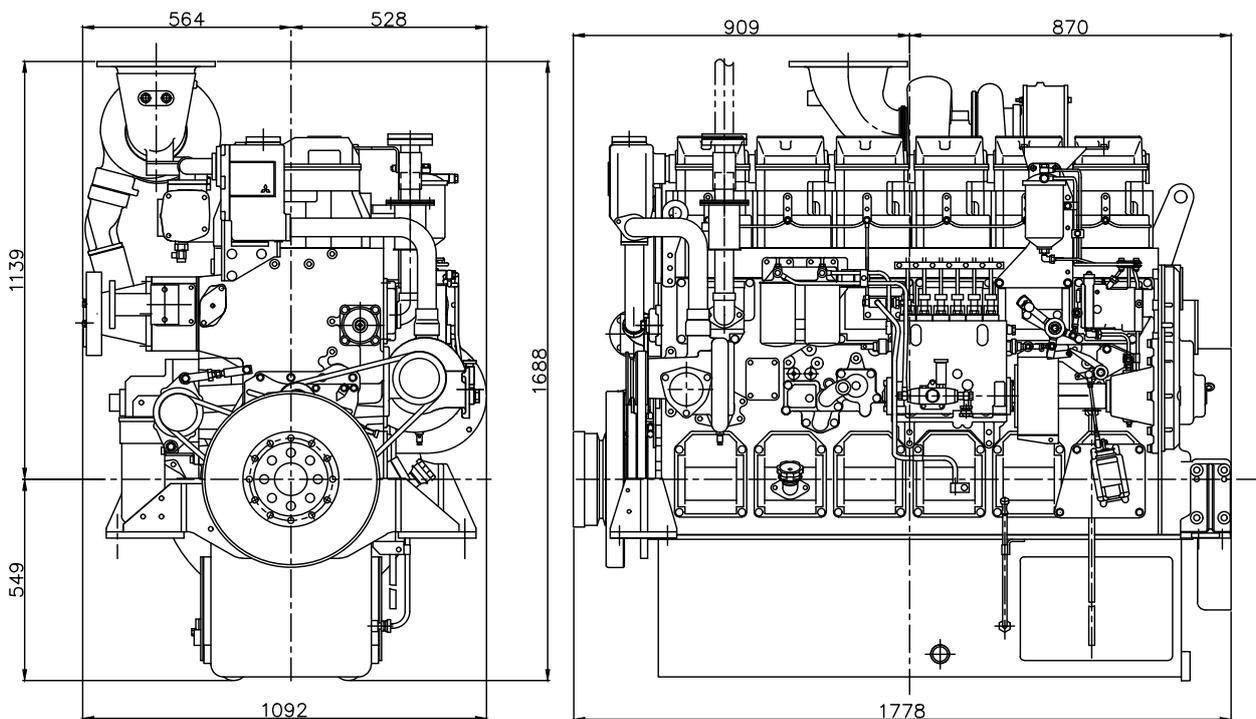
Fuel system

- Drip tray fuel filters

Lubricating oil system

- Lubricating oil drain pump
- Pre-lubrication oil system
- Drip tray oil filters

DIMENSIONS



More information

Contact your local dealer for more information regarding Mitsubishi Marine Engines and optional equipment or, visit www.mtee.eu

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