# QMF6M

# SPECIFICATIONS



Frequency	50 Hz
Voltage	230 V
Amperes	20 A cont. 21.7 A max.
Power	4.6 kW cont. 5 kW max.
Protection	IP23
Insulation	Class H
Voltage accuracy	± 5%
Radio interference	Deleted
Lenght	650 mm [25.6 in]
Width	480 mm [18.9 in]
Height	530 mm [20.9 in]
Dry weight	128 kg [282.2 lbs]

Engine base	Kubota
Cooling system	Seawater pump with rubber impeller
Closed cooling	Heat exchanger
Cylinders	2 in line
Start (cold temperature)	Super Glow System
Exhaust connexion	40 mm [1.57 in]
Fuel consumption at full load	2.2 l/h [0.58 gal US/h]
Sea water pump connexion	25 mm [1 in]
Fuel pump -	std pump : 0.5 m [19.7 in]
Max suction height	with add. pump : 1.8 m [70.9 in]
Engine operating angle	10° cont. 30° max.
Fuel connexion	8 mm [0.3 in]



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### 5 kW max. at 3000 rpm

#### **TECHNICAL DESCRIPTION**

#### **ENGINE BASE**

- 4 strokes Diesel engine tested in all marine or industrial applications throughout the world.
- Engine block in cast iron type tunnel and timing gear.

#### INJECTION AND COMBUSTION SYSTEM

- The Super Glow System comes as standard equipment to start the engine in cold temperatures.
- The E-TVCS injection system produces an ideal air/fuel mixture by creating three vortexes in the combustion chamber. The combustion efficiency is improved, resulting in low fuel consumption.

#### **COOLING SYSTEM**

- Cooling is ensured by heat exchange between coolant and seawater in an heat exchanger, or via a Keel Cooling system.
- Seawater pump with rubber impeller.

#### **GENERATOR**

- Delivering a continuous power of 4.6 kW and able to provide up to 5 kW
- IP23 protection

#### STANDARD EQUIPMENT

- Extension delivered by meter
- Closed cooling with heat exchanger
- Wet exhaust
- 12V Single-pole electrical system
- Safety shutdowns on low oil pressure and high coolant temperature
- Eco GE panel
- Rubber mounts
- Oil drain pump mounted on the engine

#### OPTIONAL EQUIPMENT

- Seawater hoses
- Seawater filter
- Siphon breaker
- Fuel feed system piping
- Exhaust system
- Fuel prefilter
- Additional electric fuel feed pump

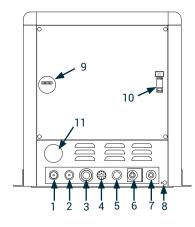
#### **INSTRUMENT PANEL**

#### ECO GE



- Start and stop buttons
- Low oil pressure warning light
- Coolant temperature warning light
- Preheat warning light
- Battery charge warning light

#### **MAIN COMPONENTS**



- 1. Fuel outlet
- 2. Fuel inlet
- 3. Seawater connection
- 4. Power cables
- 5. Dashboard connection
- 6. Battery cable +
- 7. Battery cable -
- 8. Ground
- 9. Hourmeter
- 10.Circuit breaker
- 11.Exhaust outlet