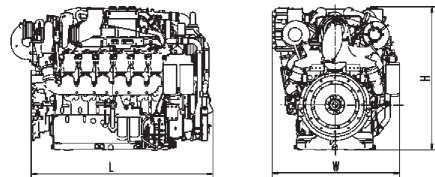


# Series 2000 G06

## for PowerGen Applications with Water Charge Air Cooling



### Dimensions and Masses

Engine	Dimensions (LxWxH) mm (in)	Mass, dry kg (lbs)
12V	1830x1280x1468 (72x50x58)	2950 (6503)

All dimensions are approximate, for complete information refer to the installation drawing.

Engine Model		
Bore/stroke	mm (in)	135/156 (5.3/6.15)
Cylinder configuration		90° V
Displacement/cylinder	l (cu in)	2.23 (136)
Displacement, total	l (cu in)	12V: 26.76 (1633)
Fuel specification		Diesel fuel in accordance with DIN EN 590, ASTM D 975

### Engine Type

### Optimization

### Application

12V 2000 G56F

12V 2000 G66F

### Prime Power 3B

② ③

### Rated Power kW (bhp) at 1500 rpm (50 Hz)

665 (892)

709 (951)

Optimization: ② Exhaust emissions (TA-Luft; NO<sub>x</sub> < 1000 mg/m<sup>3</sup> i.N.)  
③ Exhaust emissions ARAI, Stage 2



Power. Passion. Partnership.

## Application

3B

## Power Definition

Continuous operation w/variable load

Load factor: &lt; 75%, Operating hours: unrestricted, Overload: 10% (ICXN)

Power output within 5% tolerance at standard conditions. Power definition according to ISO 3046 (ratings also correspond to SAE J 1995 and SAE J 1349 standard conditions)  
Consult your MTU distributor/dealer for the rating that will apply to your specific application.

## Standard Equipment

Starting System	Electric starter 24 VDC
Fuel System	Electronically controlled common-rail injection system, dual engine mounted fuel filters
Lube Oil System	Forced feed lubricating system with piston cooling, lube oil circulating pump, multi stage oil filter, lube oil heat exchanger, 15° oil pan
Combustion Air System	Two-stage turbocharging, intercooling and charge air cooling, cooled exhaust gas recirculation, turbocharger air intake from free end
Coolant System SCCC	HT (JW) and LT (CAC) separate coolant circuits with coolant pumps and thermostats
Flywheel/Housing	SAE 0 flywheel housing
Engine Mounting	4-point mounting
Electronics and Instrumentation	Latest ADEC engine control and management system

## Optional Equipment

Starting System	Redundant starting systems electric (dual)
Fuel System	Special prefilter with water separator
Combustion Air System	Turbocharger air intake from driving end
Coolant System	Coolant heater, front crank PTO for fan drive (various ratios), electrical driven radiator for separate installation
Accessory Drives	Battery charging alternator, 28VDC

## Reference conditions:

&gt; Intake-air temperature: 25°C (77°F)

&gt; Ambient air pressure: 1000 mbar (14.5 psi)

&gt; Charge air coolant temp.: 45°C (113°F)

&gt; Altitude above sea level: 100 m (328 ft)

Subject to change without notice. Customization possible. Engines illustrated in this document may feature options not fitted as standard.