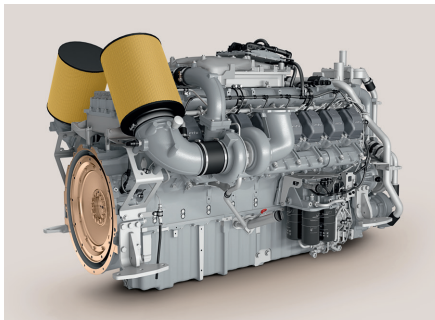


Gendrive

# Series 2000 Gx6

for Power Generation Standby Applications  
with water-to-air charge air cooling



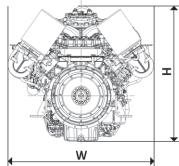
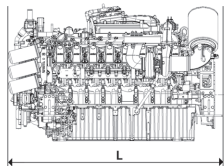
## Dimensions and Masses

Engine	Dimensions (LxWxH) mm (in)	Mass, dry kg (lbs)
16V	2278 x 1568 x 1420 (90 x 62 x 56)	3140 (6923)

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)	16V: 35.68 (2177)
Fuel specification		EN 590, Grade No.1-D/2-D (ASTM D975-00)



## Application group

Standardized Backup (3D)

## Power definition

Emergency service, fuel stop power,  
IFN

Load factor: ≤ 85%, Operating hours: max. 500/year,  
Overload: Fuel stop power (IFN)

Data Center Continuous (3F)

Standby data center,  
continuous power, ICXN

Load factor: ≤ 100%, Operating hours: unrestricted,  
Overload: 10% capability (ICXN)

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.

**Rated power is without fan drive. The power consumption of any fan drive has to be deducted during designing of a generator set.**



Power. Passion. Partnership.

## Standardized Backup (3D)

Engine Type	Rated power kW (bhp) at 1800 rpm (60Hz)	Optimization		
		☒	③	⑱
		Fuel consumption optimized	US EPA Stationary EMERG Tier 2 (40 CFR 60)	US EPA Nonroad Tier 2 compliant (40 CFR 89)
16V 2000 G76S	1097 (1471)	x	x	x
16V 2000 G86S	1371 (1839)	x	x	x

Fan power requirement not considered

☒ ③ ⑱ reference to emission level in price list

Data Center Continuous (3F)

Engine Type	Rated power kW (bhp) at 1800 rpm (60Hz)	Optimization		
		☒	③	⑱
16V 2000 G26S	998 (1338)	Fuel consumption optimized	US EPA Stationary EMERG Tier 2 (40 CFR 60)	US EPA Nonroad Tier 2 compliant (40 CFR 89)
		x	x	x

Fan power requirement not considered

☒ ③ ⑱ reference to emission level in price list

Standard Equipment	
Starting System	1 electric starter (24 VDC/2-pole)
Fuel System	Electronically controlled common-rail high-pressure injection system, dual engine mounted fuel filters
Lube Oil System	Forced feed lubrication system with piston cooling, lube oil circulation pump, lube oil filter, lube oil heat exchanger
Combustion Air System	2 exhaust turbochargers, water-to-air intercooler integrated in radiator
Cooling System	Coolant circulation pump and coolant thermostat for jacket water circuit
Engine Mounting	Set of engine mounting brackets for resilient mount
Engine Management	Integrated electronic engine control and monitoring system ADEC, customer interface „Smart Connect“

Optional Equipment	
Starting System	Compressed air, redundant starting system: electric/electric; air/air; electric/air
Fuel System	Fuel pre-filter, special fuel pre-filter with water separator
Combustion Air System	Heavy duty air filters
Cooling System	Engine mounted fan drive
Engine Mounting	Resilient engine mounts (rubber elements), rigid engine mounting
Auxiliary Power Supply	Battery charging alternator

## Reference conditions:

- Intake-air temperature: 25°C (77°F)
- Ambient air pressure: 1 bar (14.5 psi)
- 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. For more information please contact your MTU dealer.