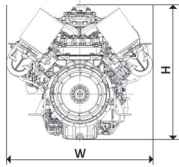
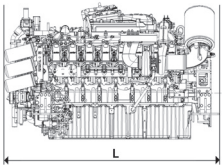
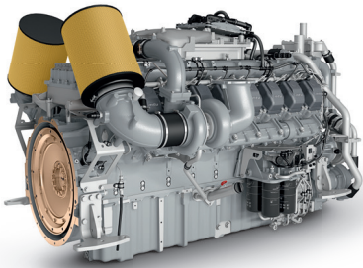




Gendrive

SERIES 2000 GX6

for power generation standby applications
with water-to-air charge air cooling



| 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 | 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 | Power definition | |
|-----------------------------------|--|---|
| Standby power (3D) | Emergency standby power, IFN | Load factor: ≤ 85%, operating hours: max. 500/year, overload: fuel stop power (IFN) |
| Data center continuous power (3F) | Heavy duty for DCP, unrestricted, ICXN | Load factor: ≤ 100%, operating hours: unrestricted, overload capability: 10% (ICXN) |

Power definition according to ISO 3046 (ratings also correspond to SAE J 1995 and SAE J 1349 standard conditions). Consult your **mtu** distributor 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.

Standby power (3D)

| Engine type | Rated power kW (bhp) at | Optimization | | |
|---------------|-------------------------|--------------|---|----|
| | 1800 rpm (60Hz) | x | 3 | 19 |
| 16V 2000 G76S | 1097 (1471) | x | x | x |
| 16V 2000 G86S | 1371 (1839) | x | x | x |

Fan power requirement not considered, reference to emission level in price list

x Fuel consumption optimized

3 US EPA Stationary EMERG Tier 2 (40 CFR 60)

19 US EPA Nonroad Tier 2 compliant (40 CFR 89)

Data center continuous power (3F)

| Engine type | Rated power kW (bhp) at | Optimization | | |
|---------------|-------------------------|--------------|---|----|
| | 1800 rpm (60Hz) | x | 3 | 19 |
| 16V 2000 G26S | 998 (1338) | x | x | x |

Fan power requirement not considered, reference to emission level in price list

x Fuel consumption optimized

3 US EPA Stationary EMERG Tier 2 (40 CFR 60)

19 US EPA Nonroad Tier 2 compliant (40 CFR 89)

| 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)

Customization possible. Engines illustrated in this document may feature options not fitted as standard. For more information please contact your **mtu** dealer.