

CUMMINS DIESEL GENERATOR SET

MC500

500 kVA

INDUSTRIAL GENERATOR

Reliable diesel generating set configured for prime, standby and project-specific industrial power applications.



STANDBY POWER

500 kVA

PRIME POWER

454.0 kVA

ENGINE MODEL

QSZ13-G3

FREQUENCY

50 Hz

GENERATOR OUTPUT

Standby Power	500 kVA
Prime Power	454.0 kVA
Standby Output	400.0 kW
Prime Output	363.0 kW
Frequency	50 Hz
Voltage	400 V
Phases	3
Power Factor	0.8

ENGINE

Engine Brand	Cummins
Engine Model	QSZ13-G3
Cylinders	6 Inline
Displacement	13.0 L
Air Intake	Turbocharged & Air cooled
Speed	1500 rpm
Governor System	Electronic
Cooling System	Water Cooling

TECHNICAL SPECIFICATIONS

Published product data for the selected generator model. Final component selection is confirmed with the commercial offer.

ALTERNATOR & CONTROL

Alternator	MKT / Stamford / Leroy Somer
Controller	Deep Sea Controller
Voltage Regulation	±1%
Insulation Class	H
Protection Standard	IP23
Generator Type	Silent / Open

FUEL SYSTEM

Fuel Type	Euro Diesel
100% Load	101.0 L/h
75% Load	74.2 L/h
50% Load	49.0 L/h
Canopy Fuel Tank	1100 L
Open Fuel Tank	1100 L

DIMENSIONS & WEIGHT

Canopy Dimensions	4600 x 1600 x 2700 mm
Canopy Weight	4100 kg
Open Dimensions	3900 x 1600 x 2950 mm
Open Weight	3625 kg

AVAILABLE PROJECT OPTIONS

- 50 Hz and 60 Hz configurations
- Silent canopy or open-frame execution
- Deep Sea, ComAp or SmartGen control solutions
- ATS, synchronization and remote monitoring systems
- Custom voltage, fuel tank and enclosure requirements