

CUMMINS DIESEL GENERATOR SET

MC450

450 kVA

INDUSTRIAL GENERATOR

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



STANDBY POWER

450 kVA

PRIME POWER

409.0 kVA

ENGINE MODEL

NTAA855-G7A

FREQUENCY

50 Hz

GENERATOR OUTPUT

Standby Power	450 kVA
Prime Power	409.0 kVA
Standby Output	360.0 kW
Prime Output	327.0 kW
Frequency	50 Hz
Voltage	400 V
Phases	3
Power Factor	0.8

ENGINE

Engine Brand	Cummins
Engine Model	NTAA855-G7A
Cylinders	6 Inline
Displacement	14.0 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	89.2 L/h
75% Load	67.8 L/h
50% Load	47.5 L/h
Canopy Fuel Tank	630 L
Open Fuel Tank	630 L

DIMENSIONS & WEIGHT

Canopy Dimensions	4600 x 1600 x 2700 mm
Canopy Weight	4015 kg
Open Dimensions	3900 x 1600 x 2950 mm
Open Weight	3480 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