

PERKINS DIESEL GENERATOR SET

MP500

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

2506A- E15TAG1

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	Perkins
Engine Model	2506A- E15TAG1
Cylinders	6 Inline
Displacement	15.2 L
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	95.0 L/h
75% Load	72.0 L/h
50% Load	50.0 L/h
Canopy Fuel Tank	1200 L
Open Fuel Tank	1200 L

DIMENSIONS & WEIGHT

Canopy Dimensions	5000 x 1600 x 2600 mm
Canopy Weight	4600 kg
Open Dimensions	4500 x 1600 x 2900 mm
Open Weight	3960 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