

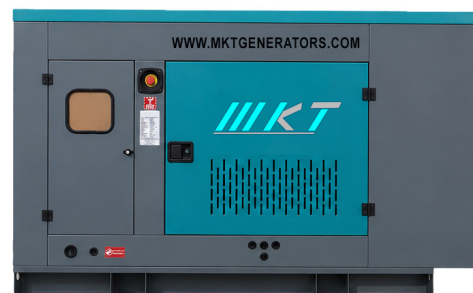
PERKINS DIESEL GENERATOR SET

MP50

50 kVA

INDUSTRIAL GENERATOR

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



STANDBY POWER

50 kVA

PRIME POWER

45.0 kVA

ENGINE MODEL

1103A-33TG1

FREQUENCY

50 Hz

GENERATOR OUTPUT

Standby Power	50 kVA
Prime Power	45.0 kVA
Standby Output	40.0 kW
Prime Output	36.0 kW
Frequency	50 Hz
Voltage	400 V
Phases	3
Power Factor	0.8

ENGINE

Engine Brand	Perkins
Engine Model	1103A-33TG1
Cylinders	3 Inline
Displacement	3.3 L
Air Intake	Turbocharged
Speed	1500 rpm
Governor System	Mechanical
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	10.8 L/h
75% Load	8.2 L/h
50% Load	5.8 L/h
Canopy Fuel Tank	140 L
Open Fuel Tank	140 L

DIMENSIONS & WEIGHT

Canopy Dimensions	2300 x 950 x 1520 mm
Canopy Weight	1100 kg
Open Dimensions	1900 x 950 x 1660 mm
Open Weight	940 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