

PERKINS DIESEL GENERATOR SET

MP850

850 kVA

INDUSTRIAL GENERATOR

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



STANDBY POWER

850 kVA

PRIME POWER

772.0 kVA

ENGINE MODEL

2806A- E18TTAG5

FREQUENCY

50 Hz

GENERATOR OUTPUT

Standby Power	850 kVA
Prime Power	772.0 kVA
Standby Output	680.0 kW
Prime Output	618.0 kW
Frequency	50 Hz
Voltage	400 V
Phases	3
Power Factor	0.8

ENGINE

Engine Brand	Perkins
Engine Model	2806A- E18TTAG5
Cylinders	6 Inline
Displacement	18.1 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	159.0 L/h
75% Load	115.8 L/h
50% Load	78.0 L/h
Canopy Fuel Tank	1050 L
Open Fuel Tank	1050 L

DIMENSIONS & WEIGHT

Canopy Dimensions	4800 x 1900 x 3460 mm
Canopy Weight	6910 kg
Open Dimensions	4150 x 1900 x 3350 mm
Open Weight	6050 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