

CM-FW1500

DIESEL GENERATOR SET / OPEN + SILENT



OPEN SET



SILENT SET

1,500 kVA

STANDBY POWER

1,350 kVA

PRIME POWER

50/60 Hz

FREQUENCY

400/230 V

VOLTAGE

FG Wilson 4012-46TWG3A

3 phase · 0.8 PF · 1500 / 1800 rpm

Configuration	Typical application
Open (skid-mounted)	Plant rooms, container frames, OEM builds
Silent (acoustic canopy)	Approx. 75 dB(A) at 7 m, weatherproof
Containerised	ISO footprint, walk-in or standard, up to 45 ft

Enclosure dimensions, weights and tank size are issued with the quotation.

GENERAL CHARACTERISTICS

CM-FW1500 · 50 / 60 Hz · 3 Phase

RATED PERFORMANCE

Standby Power (kVA)	1,500
Standby Power (kW)	1,200
Prime Power (kVA)	1,350
Prime Power (kW)	1,080
Power Factor (Cos Phi)	0.8
Diesel Engine	4012-46TWG3A
Frequency (Hz)	50/60
Rated Speed (rpm)	1500 / 1800
Phase	3
Standard Voltage (V)	400/230

POWER DEFINITIONS

STANDBY POWER (ESP)

Available for supplying emergency power during a utility interruption. The stated rating follows ISO 8528-1; overload is not permitted.

PRIME POWER (PRP)

Available for an unlimited number of annual operating hours in variable-load applications, in accordance with ISO 8528-1.

TERMS OF USE

Nominal power is stated at 25 °C inlet-air temperature, 100 kPa barometric pressure (100 m A.S.L.) and 30% relative humidity.

RATED OUTPUT CURRENT BY VOLTAGE

Rated voltage	Standby current (1,500 kVA)	Prime current (1,350 kVA)
400/230 V	2165.1 A	1948.6 A
380/220 V	2279.0 A	2051.1 A
415/240 V	2086.8 A	1878.1 A