CM-FW850

DIESEL GENERATOR SET / OPEN + SILENT

OPEN SET

SILENT SET

850 kVA	770 kVA	50/60 Hz	400/230 V
STANDBY POWER	PRIME POWER	FREQUENCY	VOLTAGE

FG Wilson 2806A-E18TTAG5

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-FW850 · 50 / 60 Hz · 3 Phase

RATED PERFORMANCE

Standby Power (kVA)	**850**
Standby Power (kW)	**680**
Prime Power (kVA)	**770**
Prime Power (kW)	**616**
Power Factor (Cos Phi)	**0.8**
Diesel Engine	**2806A-E18TTAG5**
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 (850 kVA)	Prime current (770 kVA)
400/230 V	**1226.9 A**	**1111.4 A**
380/220 V	**1291.4 A**	**1169.9 A**
415/240 V	**1182.5 A**	**1071.2 A**