CM-WC82

DIESEL GENERATOR SET / OPEN + SILENT

OPEN SET

SILENT SET

82 kVA	75 kVA	60 Hz	480/277 V
STANDBY POWER	PRIME POWER	FREQUENCY	VOLTAGE

Weichai WP4.1D80E201

3 phase · 0.8 PF · 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-WC82 · 60 Hz · 3 Phase

RATED PERFORMANCE

Standby Power (kVA)	**82**
Standby Power (kW)	**66**
Prime Power (kVA)	**75**
Prime Power (kW)	**60**
Power Factor (Cos Phi)	**0.8**
Diesel Engine	**WP4.1D80E201**
Frequency (Hz)	**60**
Rated Speed (rpm)	**1800**
Phase	**3**
Standard Voltage (V)	**480/277**

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 (82 kVA)	Prime current (75 kVA)
480/277 V	**98.6 A**	**90.2 A**
220/127 V	**215.2 A**	**196.8 A**
440/254 V	**107.6 A**	**98.4 A**