

CM-WC100

DIESEL GENERATOR SET / OPEN + SILENT



OPEN SET



SILENT SET

100 kVA

STANDBY POWER

93 kVA

PRIME POWER

60 Hz

FREQUENCY

480/277 V

VOLTAGE

Weichai WP4.1D95E201

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-WC100 · 60 Hz · 3 Phase

RATED PERFORMANCE

Standby Power (kVA)	100
Standby Power (kW)	83
Prime Power (kVA)	93
Prime Power (kW)	75
Power Factor (Cos Phi)	0.8
Diesel Engine	WP4.1D95E201
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 (100 kVA)	Prime current (93 kVA)
480/277 V	120.3 A	111.9 A
220/127 V	262.4 A	244.1 A
440/254 V	131.2 A	122.0 A