

CM-YC1000

DIESEL GENERATOR SET / OPEN + SILENT



OPEN SET



SILENT SET

1,000 kVA

STANDBY POWER

900 kVA

PRIME POWER

50 Hz

FREQUENCY

400/230 V

VOLTAGE

Yuchai YCTH281220-G31

3 phase · 0.8 PF · 1500 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-YC1000 · 50 Hz · 3 Phase

RATED PERFORMANCE

Standby Power (kVA)	1,000
Standby Power (kW)	800
Prime Power (kVA)	900
Prime Power (kW)	730
Power Factor (Cos Phi)	0.8
Diesel Engine	YCTH281220-G31
Frequency (Hz)	50
Rated Speed (rpm)	1500
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 (1,000 kVA)	Prime current (900 kVA)
400/230 V	1443.4 A	1299.0 A
380/220 V	1519.3 A	1367.4 A
415/240 V	1391.2 A	1252.1 A