

CM-YC1000

DIESEL GENERATOR SET / OPEN + SILENT



OPEN SET



SILENT SET

1,000 kVA

STANDBY POWER

910 kVA

PRIME POWER

60 Hz

FREQUENCY

480/277 V

VOLTAGE

Yuchai YCTH281220-G33

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-YC1000 · 60 Hz · 3 Phase

RATED PERFORMANCE

Standby Power (kVA)	1,000
Standby Power (kW)	800
Prime Power (kVA)	910
Prime Power (kW)	730
Power Factor (Cos Phi)	0.8
Diesel Engine	YCTH281220-G33
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 (1,000 kVA)	Prime current (910 kVA)
480/277 V	1202.8 A	1094.6 A
220/127 V	2624.3 A	2388.1 A
440/254 V	1312.2 A	1194.1 A