

CM-YC688

DIESEL GENERATOR SET / OPEN + SILENT



OPEN SET



SILENT SET

688 kVA

STANDBY POWER

625 kVA

PRIME POWER

60 Hz

FREQUENCY

480/277 V

VOLTAGE

Yuchai YCTD20840-G32

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-YC688 · 60 Hz · 3 Phase

RATED PERFORMANCE

Standby Power (kVA)	688
Standby Power (kW)	550
Prime Power (kVA)	625
Prime Power (kW)	500
Power Factor (Cos Phi)	0.8
Diesel Engine	YCTD20840-G32
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 (688 kVA)	Prime current (625 kVA)
480/277 V	827.5 A	751.8 A
220/127 V	1805.5 A	1640.2 A
440/254 V	902.8 A	820.1 A