# CM-YC1625

**DIESEL GENERATOR SET / OPEN + SILENT**

OPEN SET

SILENT SET

| 1,625 kVA | 1,500 kVA | 60 Hz | 480/277 V |
|---|---|---|---|
| STANDBY POWER | PRIME POWER | FREQUENCY | VOLTAGE |

## Yuchai YCTD40TA2070-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-YC1625 · 60 Hz · 3 Phase**

## RATED PERFORMANCE

| | |
|---|---|
| Standby Power (kVA) | **1,625** |
| Standby Power (kW) | **1,300** |
| Prime Power (kVA) | **1,500** |
| Prime Power (kW) | **1,200** |
| Power Factor (Cos Phi) | **0.8** |
| Diesel Engine | **YCTD40TA2070-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 (1,625 kVA) | Prime current (1,500 kVA) |
|---|---|---|
| 480/277 V | **1954.6 A** | **1804.2 A** |
| 220/127 V | **4264.5 A** | **3936.5 A** |
| 440/254 V | **2132.3 A** | **1968.2 A** |