

# CM-WC1625

DIESEL GENERATOR SET / OPEN + SILENT



OPEN SET



SILENT SET

**1,625** kVA

STANDBY POWER

**1,500** kVA

PRIME POWER

**60** Hz

FREQUENCY

**480/277** V

VOLTAGE

**Weichai 12M33D1420E201**

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-WC1625 · 60 Hz · 3 Phase

## RATED PERFORMANCE

|                        |                       |
|------------------------|-----------------------|
| Standby Power (kVA)    | <b>1,625</b>          |
| Standby Power (kW)     | <b>1,300</b>          |
| Prime Power (kVA)      | <b>1,500</b>          |
| Prime Power (kW)       | <b>1,200</b>          |
| Power Factor (Cos Phi) | <b>0.8</b>            |
| Diesel Engine          | <b>12M33D1420E201</b> |
| Frequency (Hz)         | <b>60</b>             |
| Rated Speed (rpm)      | <b>1800</b>           |
| Phase                  | <b>3</b>              |
| Standard Voltage (V)   | <b>480/277</b>        |

## 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     | <b>1954.6 A</b>             | <b>1804.2 A</b>           |
| 220/127 V     | <b>4264.5 A</b>             | <b>3936.5 A</b>           |
| 440/254 V     | <b>2132.3 A</b>             | <b>1968.2 A</b>           |