

# CM-WC413

DIESEL GENERATOR SET / OPEN + SILENT



OPEN SET



SILENT SET

**413** kVA

STANDBY POWER

**375** kVA

PRIME POWER

**50** Hz

FREQUENCY

**400/230** V

VOLTAGE

**Weichai WP13D385E200**

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-WC413 · 50 Hz · 3 Phase

## RATED PERFORMANCE

|                        |                     |
|------------------------|---------------------|
| Standby Power (kVA)    | <b>413</b>          |
| Standby Power (kW)     | <b>330</b>          |
| Prime Power (kVA)      | <b>375</b>          |
| Prime Power (kW)       | <b>300</b>          |
| Power Factor (Cos Phi) | <b>0.8</b>          |
| Diesel Engine          | <b>WP13D385E200</b> |
| Frequency (Hz)         | <b>50</b>           |
| Rated Speed (rpm)      | <b>1500</b>         |
| Phase                  | <b>3</b>            |
| Standard Voltage (V)   | <b>400/230</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 (413 kVA) | Prime current (375 kVA) |
|---------------|---------------------------|-------------------------|
| 400/230 V     | <b>596.1 A</b>            | <b>541.3 A</b>          |
| 380/220 V     | <b>627.5 A</b>            | <b>569.8 A</b>          |
| 415/240 V     | <b>574.6 A</b>            | <b>521.7 A</b>          |