

# CM-FW300

**DIESEL GENERATOR SET / OPEN + SILENT**



**OPEN SET**



**SILENT SET**

**300** kVA

STANDBY POWER

**275** kVA

PRIME POWER

**50/60** Hz

FREQUENCY

**400/230** v

VOLTAGE

**FG Wilson 1506A-E88TAG4**

3 phase · 0.8 PF · 1500 / 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-FW300 · 50 / 60 Hz · 3 Phase

## RATED PERFORMANCE

|                        |                      |
|------------------------|----------------------|
| Standby Power (kVA)    | <b>300</b>           |
| Standby Power (kW)     | <b>240</b>           |
| Prime Power (kVA)      | <b>275</b>           |
| Prime Power (kW)       | <b>220</b>           |
| Power Factor (Cos Phi) | <b>0.8</b>           |
| Diesel Engine          | <b>1506A-E88TAG4</b> |
| Frequency (Hz)         | <b>50/60</b>         |
| Rated Speed (rpm)      | <b>1500 / 1800</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 (300 kVA) | Prime current (275 kVA) |
|---------------|---------------------------|-------------------------|
| 400/230 V     | <b>433.0 A</b>            | <b>396.9 A</b>          |
| 380/220 V     | <b>455.8 A</b>            | <b>417.8 A</b>          |
| 415/240 V     | <b>417.4 A</b>            | <b>382.6 A</b>          |