



JCB GENERATORS | G330QX / G330X



OUTPUT

| Voltage | 50Hz | | | | 60Hz | | | |
|---------|-------|-----|---------|-----|-------|-----|---------|-----|
| | Prime | | Standby | | Prime | | Standby | |
| | kVA | kW | kVA | kW | kVA | kW | kVA | kW |
| 400/230 | 300 | 240 | 330 | 264 | | | | |
| 480/277 | | | | | 334 | 268 | 384 | 306 |

Ambient reference conditions: Rating according to ISO 8528: +25°C, 100 ASL, 30% relative humidity.

Power lost according to DIN ISO 3046: Starting from 100m, 1% lost with each 100m increment. Starting from 25°C (77°F), 4% power lost with each 10°C (50°F) increment $\cos \phi = 0.8$

Prime: These ratings are applicable for supplying continuous electrical power (at variable load) in lieu of commercially purchased power. There is no limitation to the annual hours of operation. 10% overload power can be supplied for one hour in 12.

Standby: These ratings are applicable for supplying continuous electrical power (at variable load) in the event of the utility power failure. No overload is permitted.

* Other voltages are available: 415/240, 380/220, 220/127, 440/254, 208/120.

DIMENSIONS

| | | Open | Canopy |
|--------|---------|--------------|--------------|
| Length | mm (in) | 3310 (130.3) | 4100 (161.4) |
| Width | mm (in) | 1390 (54.7) | 1600 (62.9) |
| Height | mm (in) | 1830 (72) | 2210 (87) |

WEIGHTS

| | | Open | Canopy |
|-----------------|-----------------------------------|---------------|----------------|
| Shipping volume | m ³ (ft ³) | 8.44 (297.84) | 14.49 (574.89) |
| Dry weight | kg (lb) | 2730 (6018) | 4045 (8899) |

All weights and dimensions are subject to variation, dependent upon customer specification.

SOUND POWER LEVEL

| | | Canopy |
|--------------------------------|-----------------|--------|
| Sound power level of generator | L _{wa} | 97 |



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ENGINE

| | | 50Hz | 60Hz |
|------------------------|-----|--------------|-------------------|
| Rated output | kW | 313 | 341 |
| Make | | Scania | |
| Model | | DC12 59A | DC12 60A |
| Injection type | | Direct | |
| Aspiration | | Turbocharged | Turbo Aftercooled |
| Number of cylinders | | 6 | |
| Bore and Stroke | mm | 127x154 | |
| Displacement | l | 11.7 | |
| Cooling | | Water | |
| Lube oil specification | | ACEA E3-96 | |
| Oil consumption | l/h | <0.3% | |
| Compression | | 16:01 | |
| Maximum oil capacity | l | 33 | |
| Minimum oil capacity | l | 28 | |
| Governing | | Electronic | |
| Engine speed | rpm | 1500 | 1800 |

STARTING SYSTEM

| | | |
|----------------------|-----|------|
| Starter motor output | kW | 6.7 |
| Starter motor output | CV | 9 |
| Battery capacity | Ah | 2x50 |
| Voltage | vDC | 24 |

AIR REQUIREMENT

| | | 50Hz | 60Hz |
|--|-------------------|------|--------|
| Air requirement for combustion @ 100% load | m ³ /h | 1235 | 1492.9 |
| Air requirement for combustion @ 100% load | kg/min | 24 | 27 |

ALTERNATOR

| | | |
|------------|-----------------|--|
| Make | Newage-Stamford | |
| Model | HCI 444 | |
| Insulation | Class H | |
| Pole | 4 | |
| AVR | AS440 | |

FUEL TANK CAPACITY

| | | |
|------------------|---------|-------------|
| Open generator | l (gal) | 590 (129.7) |
| Canopy generator | l (gal) | 590 (129.7) |

FUEL CONSUMPTION @ 100% LOAD

| | | 50Hz | 60Hz |
|---------|------|------|-------|
| Prime | l/hr | 65.3 | 71.38 |
| Standby | l/hr | 75.7 | 80.1 |

EXHAUST SYSTEM

| | | 50Hz | 60Hz |
|-----------------------------|------------|-------------|-------------|
| Maximum exhaust temperature | °C | 513 | 446 |
| Maximum exhaust temperature | °F | 955.4 | 834.8 |
| Exhaust gas flow | kg/min | 25 | 28 |
| Heat rejection | kW/IFN | 217 | 195 |
| Maximum back pressure | kPa (mbar) | 9.81 (98.1) | 9.81 (98.1) |



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