

DENYO 2DCA-35ESEK

PRIME POWER GENERATOR Three Phase



SPECIFICATIONS

ALTERNATOR

| | |
|------------------------|---|
| Frequency | 50 Hz |
| Output Prime/Standby | 30/31.5 KVA |
| No. of Poles | 4 |
| No. of Phases | Single Phase 3 wire |
| Rated Voltage | 380/400/415 |
| Power Factor (lagging) | 0.8 |
| Voltage Regulation % | ±0.5 |
| Excitation | Brushless, rotating exciter (with A.V.R.) |
| Insulation | Class F |

ENGINE

| | |
|--------------------------------|---------------------------------|
| Make & Model | Kubota V3300-E2B |
| Type | Swirl chamber |
| Output Rating | 28.3 KW |
| Rated Speed min-1 | 1500 |
| No. of Cylinders-Bore X Stroke | 4-98 x 110 mm |
| Piston Displacement | 3.318 L |
| Fuel | ASTM No. 2 diesel or equivalent |
| Fuel Tank Capacity | 82 L |
| Fuel Consumption* | 5.9 L/H |
| Lube Oil Capacity | 13.2 L |
| Coolant Capacity | 10.5 L |
| Battery x Quantity | 12V – 70 AHx1 |

* Fuel consumption is based on operation at 75% load

UNIT

| | |
|-----------------------|-------------------|
| Dimensions (L/W/H mm) | 1900 x 860 x 1130 |
| Dry Weight | 950 KG |
| Sound Power Level | 89 DBs |

SERIES TWO FEATURES

FITTED EXTRAS

| | |
|---|------------------------------------|
| Fitted Sockets AS/NZ 3000 RCD Protected | 2x 1Ph 3pin 15A 1x 3Ph 5pin 32A |
|---|------------------------------------|

125% Bundled base with drain valve
Estop
Rain Gutters
Three way fuel valve
Auto Cut out doors
Lockable control panel doors
Lockable fuel tank
Protection on radiator fan
2 wire Remote start capabilities
Earthing to all doors

General

The DCA series generators are complete, stand alone generating sets. All models consist of an alternator which is directly coupled to a diesel engine. The alternator and engine are set on a common skid base. Special Vibration isolators are used to minimize vibrations during operation. The generator and electrical components are fully enclosed in a solid steel, weatherproof canopy. Noise suppression is achieved by using highly effective sound insulation materials.

50Hz/60Hz Operation

The DCA series can be operated at either 50Hz or 60Hz by simply adjusting the engine speed using the throttle control knob on the control panel.

Auto Fuel Air Extractor

Air trapped in the fuel system can be troublesome, however, with the DCA series, fuel air extraction is automatically performed by simply operating the starter switch, without the need for tools or devices. There is no soiling of the machines interior or the operator's hands and the outflow of fuel to the machines exterior is prevented. The machine will start after the engine is turned over a few times.

Extremely Quiet Operation

In urban areas and at the worksite, there is an ever increasing demand for reduced noise. The DCA series generators are extremely quiet when operating at full load.

Clean engines

The engines used in these generators meet all Californian Atmospheric Pollution standards, which is one of the world's most stringent antipollution standards. This is achieved by using a PCV purge control valve system. Therefore, these engines do not discharge blow-by gas to the outside, which keeps the interior of the machine cleaner and the exhaust emissions are minimized.