

DENYO 2DCA-15ESEK

PRIME POWER GENERATOR Three Phase



SPECIFICATIONS

ALTERNATOR

Frequency	50 Hz
Output Prime/Standby	12.5/13.8 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 D1703-E2B
Type	Swirl chamber
Output Rating	12.4 KW
Rated Speed min-1	1500
No. of Cylinders-Bore X Stroke	3-87 x 92.4 mm
Piston Displacement	1.647 L
Fuel	ASTM No. 2 diesel or equivalent
Fuel Tank Capacity	62 L
Fuel Consumption*	2.8 L/H
Lube Oil Capacity	5.6 L
Coolant Capacity	6.4 L
Battery x Quantity	12V – 65 AHx1

* Fuel consumption is based on operation at 75% load

UNIT

Dimensions (L/W/H mm)	1390 x 650 x 1050
Dry Weight	565 KG
Sound Power Level	88 DBs

SERIES TWO FEATURES

FITTED EXTRAS

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