

**PRIME POWER GENERATOR DENYO DCA- 100USI Three Phase**



**SPECIFICATIONS**

**Alternator**

Frequency	50 Hz
Output Continuous/Standby	80/88KVA
Rotating Speed	1500RPM
NO. Of Phases	Three Phase 4 wire
Rated Voltage	380/440
Power Factor	0.8
Voltage Regulation %	+0.5
Excitation	Brushless, Rotating Exciter (with A.V.R.)
Insulation	Class F

**Engine**

Make & Model	ISUZU DD- 6BG1T
Type	Inlined, Direct injected, Turbo Charged
Output Rating	101/1500 PS/rpm 74.5/1500 KW/min-1
No. of Cylinders-Bore X Stroke	6-105 X 125mm
Piston Displacement	6.494L
Fuel	Diesel
Fuel Consumption	13.4L/H
Lube Oil Sump Cap	22.4L
Coolant Capacity	20L
Battery Capacity	95D31Rx2
Fuel Tank Capacity	225L

**Unit**

Dimensions (L/W/H mm)	2650x1100x1500
Dry Weight	1940kg
Sound Levels	59.4dB

**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.

**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