

**PRIME POWER GENERATOR DENYO DCA- 45US12 Three Phase**



**SPECIFICATIONS**

**Alternator**

Frequency	50 Hz
Output Continuous/Standby	37/38.9KVA
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 BB-4JG1T
Type	Inlined, Direct injected, Turbo Charged
Output Rating	46.5/1500 PS/rpm 34.2/1500 KW/min-1
No. of Cylinders-Bore X Stroke	4-95.4 X 107mm
Piston Displacement	3.059L
Fuel	Diesel
Fuel Consumption	6.7L/H
Lube Oil Sump Cap	10L
Coolant Capacity	10L
Battery Capacity	95D31Rx1
Fuel Tank Capacity	170L

**Unit**

Dimensions (L/W/H mm)	1580x950x1550
Dry Weight	1100kg

**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