

PRIME POWER GENERATOR DENYO DCA- 100ES1 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, TurboCharged
Output Rating	100/1500 PS/rpm 73.6/1500 KW/min-1
No. of Cylinders-Bore X Stroke	6-105 X 125mm
Piston Displacement	6.494L
Fuel	Diesel
Fuel Consumption	13.5L/H
Lube Oil Sump Cap	22.4L
Coolant Capacity	22L
Battery Capacity	95D31RX2
Fuel Tank Capacity	225L

Unit

Dimensions (L/W/H mm)	2750x1050x1350
Dry Weight	1730kg

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.