



# REDSTAR™

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## DENYO DCA-800SPK

PRIME POWER GENERATOR Three Phase



### SPECIFICATIONS

#### ALTERNATOR

Frequency	50 Hz
Output Continuous/Standby	700/770KVA
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	KOMATSU SA12V140
Type	V2, Direct injected Turbo Charged, After Cooled
Output Rating	834/1500 PS/rpm 613/1500 KW/min-1
No. of Cylinders-Bore X Stroke	12-140 X 165mm
Piston Displacement	30.480L
Fuel	Diesel
Fuel Consumption	102L/H
Lube Oil Sump Cap	151L
Coolant Capacity	170L
Battery Capacity	190H52x4
Fuel Tank Capacity	490L

#### SOUND

7m/dB (A) 1500/1800rpm	70dB
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#### UNIT

Dimensions (L/W/H mm)	6110x1950x2500
Dry Weight	11,200kg

#### 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 anti-pollution 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.