WhisperWatt™ 60

Model DCA-60SSI2

48 kW (60 kVA) **Prime Rating**
53 kW (66 kVA) **Standby Rating**
60 Hertz

Generator Specifications	
Standby Output	53kW (66 kVA)
Prime Output	48 kW (60 kVA)
Voltage – 3 phase	208-240 / 416-480 Switchable
Voltage – 1 phase	120 / 240 Switchable (34.6kW)
Voltage Regulation	± 1.5% (no load to full load)
Power Factor	0.8 (3ph) or 1.0 (1ph)
Frequency	60 Hz
Frequency Regulation	3~5% no load to full load
Sound Level	68 dB(A) - Full load at 23 feet
Size – L x W x H (in.)	96 x 35 x 49
Dry Weight	3197 lbs.

Amperage	
Rated Voltage	**Maximum Amps**
208 - 240 Volt (3ph)	144 Amps *
416 - 480 Volt (3ph)	72 Amps *
240 / 120 Volt (1ph)	144 Amps *
Main Line Circuit Breaker	150 Amps
Over Current Relay Trip	72 Amps (protects all settings)

* Voltage and phase are selected by a lockable, 3-position, rotary switch.

Engine Specifications	
Engine Make / Model	Isuzu / 6BG1
Emissions	EPA Tier 1 Certified
Design – 4 cycle	6 cylinder, water cooled, direct injection
Displacement	6.494 L
Bore x Stroke (mm)	105 x 125
Gross Engine Output	93 hp
Engine Speed	1800 rpm
Oil capacity	5.1 gallons (19.3 liters)
Battery	24V 100 Ah x 2

Fuel System	
Fuel Tank Capacity	33 gallons (125 liters)
Fuel Consumption	
At full load gph (lph)	3.9 (14.8)
At 3/4 load gph (lph)	3.0 (11.4)
At 1/2 load gph (lph)	2.4 (9.1)
At 1/4 load gph (lph)	1.9 (7.2)

Standard Features

■ **Complete power panel** - Fully covered; three-phase terminals and single phase receptacles allow fast and convenient hookup for most applications including temporary power boxes, tools and lighting equipment. All are NEMA standard.
Receptacles including:
2 - 120V, 20A Duplex with GFI 5-20R
3 - 240/120V, 50A Twistlock CS6369

■ **Heavy duty, 4-cycle, diesel engine** provides maximum reliability.

■ **Brushless alternator** reduces service and maintenance requirements and meets temperature rise standards for Class F insulation systems.

■ **Open delta alternator design** provides virtually unlimited excitation for maximum motor starting capability.

■ **Automatic voltage regulator** (AVR) provides precise regulation.

■ **Automatic safety shutdown system** monitors the engine oil pressure and water temperature. Warning lights indicate abnormal conditions.

■ **Voltage selector switch** allows easy to change voltages as your applications require.

■ **Several trailer options available -** Shown above, installed on optional two axle trailer.

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