Ultra-Silent 45

Model DCA-45USI2

36 kW (45 kVA) **Prime Rating**
40 kW (50 kVA) **Standby Rating**
60 Hertz

Generator Specifications	
Standby Output	36 kW (45 kVA)
Prime Output	40 kW (50 kVA)
Voltage – 3 phase	208-240 / 416-480 Switchable
Voltage – 1 phase	120 / 240 Switchable
Voltage Regulation	± 0.5% (no load to full load)
Power Factor	0.8 (3ph) or 1.0 (1ph)
Frequency	60 Hz
Frequency Regulation	Isochronous (no load to full load)
Sound Level	58 dB(A) - Full load at 23 feet

Amperage	
Rated Voltage	**Maximum Amps**
208 - 240 Volt (3ph)	108 Amps *
416 - 480 Volt (3ph)	54 Amps *
240 / 120 Volt (1ph)	108 Amps *
Main Line Circuit Breaker	110 Amps
Over Current Relay Trip	54 Amps (protects all settings)

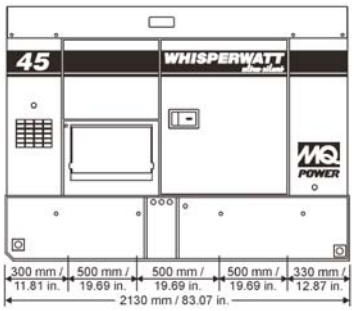
* Voltage and phase are selected by a lockable, 3-position, rotary switch.

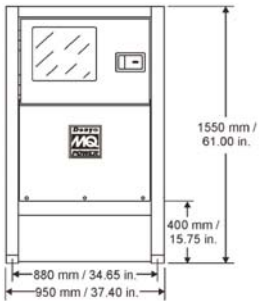
Engine Specifications	
Engine Make / Model	Isuzu / BU-4JJ1T
Emissions	EPA Interim Tier 4
Design – 4 cycle	4 cylinder, water cooled, turbocharged
Displacement	2.999 L
Bore x Stroke (mm)	95.4 x 104.9
Gross Engine Output	67.1 hp (50 kW)
Engine Speed	1800 rpm
Oil capacity	3.83 gallons (14.5 liters)
Battery	12V 72 Ah x 1

Fuel System	
Fuel Tank Capacity	79.2 gallons (300 liters)
Fuel Consumption	
At full load gph (lph)	2.7 (10.4)
At 3/4 load gph (lph)	2.1 (8.0)
At 1/2 load gph (lph)	1.5 (5.6)
At 1/4 load gph (lph)	0.9 (3.4)

Standard Features

■ **Heavy duty, 4-cycle, diesel engine** provides maximum reliability.
■ **Brushless alternator** reduces service and maintenance requirements and meets temperature rise standards for Class H 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.
■ **Automatic start / stop control** automatically starts the generator set during a commercial power failure when used in conjunction with a transfer switch.
■ **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.
■ **Voltage selector switch** allows easy to change voltages as your applications require.





Dry Weight = 2888 lbs.

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