Single Phase WhisperWatt™ 20

Model DCA-20SPX2

20 kW (20 kVA) **Prime Rating**
22 kW (22 kVA) **Standby Rating**
60 Hertz

Generator Specifications	
Standby Output	22 kW (22 kVA)
Prime Output	20 kW (20 kVA)
Voltage – 1 phase	240 / 120
Voltage Regulation	± 0.5% (no load to full load)
Power Factor	1.0
Frequency	60 Hz
Frequency Regulation	3~5% no load to full load
Sound Level	63 dB(A) - Full load at 23 feet

Amperage	
Rated Voltage	**Maximum Amps**
240 / 120 Volt (1ph)	83 Amps
Main Line Circuit Breaker	90 Amps

Engine Specifications	
Engine Make / Model	Isuzu / BV-4LE2
Emissions	EPA Interim Tier 4 Certified
Design – 4 cycle	4 cylinder, water cooled, direct injection
Displacement	2.179 L
Bore x Stroke (mm)	85 x 96
Gross Engine Output	34.3 hp (25.5 kW)
Engine Speed	1800 rpm
Oil capacity	2.25 gallons (8.5 liters)
Battery	12V 53 Ah x 1

Fuel System	
Fuel Tank Capacity	17.0 gallons (65 liters)
Fuel Consumption	
At full load gph (lph)	1.66 (6.3)
At 3/4 load gph (lph)	1.21 (4.6)
At 1/2 load gph (lph)	0.85 (3.2)
At 1/4 load gph (lph)	0.58 (2.2)

Standard Features

■ **Complete power panel -** Fully covered; NEMA standard single phase receptacles including:
2 - 120V, 20A Duplex with GFI 5-20R
2 - 240/120V, 50A Twistlock CS6369
Plus full power terminal connection

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

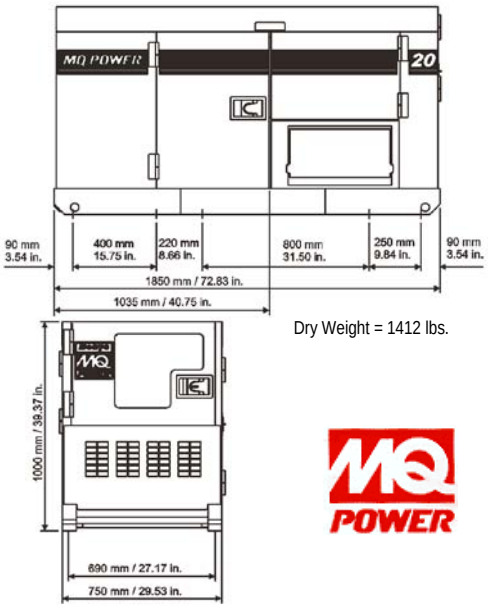
■ **Brushless alternator** reduces service and maintenance requirements and meets temperature rise standards for Class H insulation systems.

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

■ **Automatic start/stop control** automatically starts the generator set during a commercial power failure when used in conjunction with a transfer switch.

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

■ **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.



Dry Weight = 1412 lbs.

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