WhisperWatt™ 180

Model DCA-180SSJ

144 kW (180 kVA) **Prime Rating**
158 kW (198 kVA) **Standby Rating**
60 Hertz

Generator Specifications	
Standby Output	158 kW (198kVA)
Prime Output	144 kW (180 kVA)
Voltage – 3 phase	208-240 / 416-480 Reconnectable*
Voltage Regulation	± 0.5% (no load to full load)
Power Factor	0.8
Frequency	60 Hz
Frequency Regulation	Isochronous (no load to full load)
Sound Level	72 dB(A) - Full load at 23 feet

Amperage	
Rated Voltage	**Maximum Amps**
208 - 240 Volt (3ph)	433 Amps *
416 - 480 Volt (3ph)	216 Amps *
Main Line Circuit Breaker	500 Amps
Over Current Relay Trip	216 Amps (protects all settings)

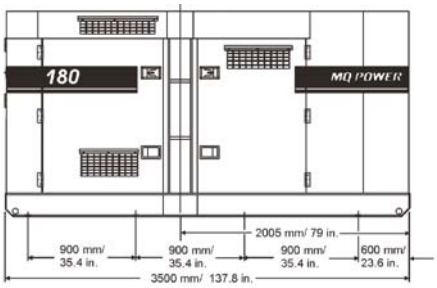
* Reconnectable terminal block .

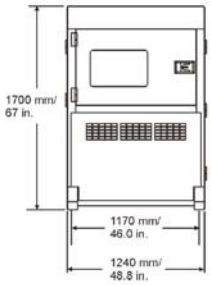
Engine Specifications	
Engine Make / Model	John Deere / 6068HF485
Emissions	EPA Tier 3 Certified
Design – 4 cycle	6 cylinder, water cooled, turbocharged, aftercooled
Displacement	6.8 L
Bore x Stroke (mm)	106 x 127
Gross Engine Output	315 hp (235 kW)
Engine Speed	1800 rpm
Oil capacity	8.19 gallons (31.0 liters)
Battery	12V 128Ah x 1

Fuel System	
Fuel Tank Capacity	100 gallons (380 liters)
Fuel Consumption	
At full load gph (lph)	11.4 (43.0)
At 3/4 load gph (lph)	9.0 (34.1)
At 1/2 load gph (lph)	6.6 (25.1)
At 1/4 load gph (lph)	4.3 (16.2)

Standard Features

■ **Heavy duty, 4-cycle, direct injection 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.
■ **Electronic governor system** maintains frequency to ±0.25%.
■ **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.





Dry Weight = 6688 lbs.

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