

POWER GENERATOR

UNIT: GS20

PERFORMANCE

Base Rating	140 kW (175 kVA)
Fuel	Diesel
Prime Output	125 kW (156 kVA)
Standby Output	140 kW (175 kVA)
Mount	Skid
Frequency	60 Hz
Packager	Simson-Maxwell
Year Built	2009

ENGINE

Make	Perkins
Model	1106DE66TA
Fuel Type	Diesel
Cylinders	6
Displacement	6.6 L (403 in ³)
Rating	275 hp (205 kW) @ 2200 rpm
Positive Air Shut-Off	Yes
Battery	1000 CCA

ENGINE FUEL CONSUMPTION

100% Rated Load	38.3 L/h (10.1 USG/h)
75% Rated Load	29.7 L/h (7.8 USG/h)
50% Rated Load	20.4 L/h (5.4 USG/h)
25% Rated Load	10.7 L/h (2.8 USG/h)
Useable Fuel Capacity	200 gal (909 L)
Emissions	EPA Tier 3

GENERATOR

Make	Marathon Electric
Model	431PSL6204
RPM	1800

POWER CONSUMPTION

Building Total	11 kW
Voltage Input	120/208 V
Phase	3



VOLTAGE OPTIONS

Three Phase	480/277 V
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COOLER

Ambient Operating Temp.	27 °C (81 °F)
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NOISE ATTENUATION

Make/Model	SMS/SM2
Muffler Style	Critical Grade Silencer
Rating	25-30 dBA

UNIT CONTROLS

Display	ComAp IntelliLite MRS 19
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ELECTRICAL CONTROLS

Generator Main Breaker	225 A
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LOAD BANK

Make	Simson-Maxwell
Model	GGP-DL58X3
Automatic Controller	58.4 kW 3-Step

FEATURES

Automatic Transfer Switch (800 A)
Electric Unit Heater

SHIPPING DIMENSIONS

Width	13.5 ft (4.1 m)
Length	19 ft (5.8 m)
Heights	11 ft (3.4 m)
Weight Estimate (dry)	12,100 lb (5,488 kg)
Weight Estimate (operating)	13,800 lb (6,260 kg)

CERTIFICATION

Package	CSA
Area Classification	General Purpose

