

POWER GENERATOR

UNIT: GS36

PERFORMANCE

Base Rating	230 kW (288 kVA)
Fuel	Diesel
Prime Output (Generator #1)	205 kW (256 kVA)
Standby Output (Generator #2)	230 kW (288 kVA)
Service Type	Standby
Mount	Skid
Voltage Output	480VAC (3 Phase)
Frequency	60 Hz
Power Factor	0.8

ENGINE

Make	John Deere
Model	6090HF484C
Fuel Type	Diesel
Cylinders	6
Displacement	9.0 L (548 in ³)
Rating	346 hp (258 kW) @ 1800 rpm
Positive Air Shut-Off	Yes
Battery	Two, 950CCA

ENGINE FUEL CONSUMPTION

100% Rated Load	61.0 Lph (16.1 gph)
75% Rated Load	46.8 Lph (12.4 gph)
50% Rated Load	33.1 Lph (8.7 gph)
25% Rated Load	19.7 Lph (5.2 gph)
Emissions	EPA Tier 3

GENERATOR

Make	Kohler
Model	4UA13
RPM	1800

POWER CONSUMPTION

Building Total	12 kW
Voltage Input	120/208 V, 480V
Phase	3



COOLER

Ambient Operating Temp.	45°C (113 °F)
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NOISE ATTENUATION

Make/Model	Silex JDDS-6
Muffler Style	Hospital Grade Silencer
Rating	35-42 dBA

UNIT CONTROLS

Display	Decision-Maker 550
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ELECTRICAL CONTROLS

Generator Main Breaker	400 A
Transformer Breaker	30 A
Lighting Panel Breaker	60 A

FEATURES

120/208V Lighting Panel (30 CCT)
15 kVA Transformer (480V PRI: 208Y/120V SEC)
10kW Electric Unit Heater (480VAC)
24VDC Alarm Junction Box for customer wiring
1200A 480VAC Splitter
120/240VAC Battery Charger

SHIPPING DIMENSIONS

Width	11' 4" (3.45 m)
Length	23' 4" (7.11 m)
Heights	11' 8" (3.56 m)
Weight Estimate	TBD

CERTIFICATION

Package	CSA
Area Classification	General Purpose

