

POWER GENERATOR

UNIT: GS12

PERFORMANCE

Base Rating	50 kW (60 kVA)
Fuel	Diesel
Continuous Output, 3 Phase	50 kW (60 kVA)
Standby Output, 3 Phase	54 kW (68 kVA)
Continuous Output, 1 Phase	36 kW (36 kVA)
Mount	Skid
Voltage Output	480 VAC (3 Phase) to lugs 240/120VAC (3 Phase) to receptacles
Frequency	60 Hz
Power Factor	0.8
Packager	Shindaiwa

ENGINE

Make	Kubota
Model	V3800DI-CR
Cylinders	4
Displacement	230 in ³ (3.769L)
Prime	77 hp (56.63 kW) @ 1800 rpm
Positive Air Shut-off	Yes
Battery	12 V, 115 AH



FUEL CAPACITY

Generator Tank	111 gal (420 L)
Fuel Cube	552 gal (2,091 L)

FUEL CONSUMPTION AT PRIME

100%	3.7 gal./hr (14.0 L/hr)
75%	2.7 gal/h (10.2 L/hr)
50%	1.9 gal/hr (7.2 L/hr)
25%	1.2 gal/hr (4.5 L/hr)

GENERATOR

Make	kWiet
Model	DGM60MK
Serial Number	D14101000207

VOLTAGE OPTIONS

Single Phase (Switchable)	120, 128, 139, 240, 254, 277 V
Three Phase (Switchable)	208, 220, 240, 416, 440, 480 V
Notes	Generator GS-12 outputs both 480VAC and 120/240VAC



NOISE ATTENUATION

Sound Power Levels	
No Load	60 dB(A) @ 23'
Full Load	62 dB(A) @ 23'

UNIT CONTROLS

Type	HMI
Display	Yes, Backlit

ELECTRICAL CONTROLS

Main Breaker	175 A
Outlets	8 x NEMA 5-15 120VAC outlets 6 x 30A (2P) Twistlock Receptacle 1 x 30A (3P) Twistlock Receptacle 1 x 30A (2P) breaker for light mast
Additional Disconnects	4 x 60A Fused Disconnect

SHIPPING DIMENSIONS

Width	8' (2.44 m)
Length	16' (4.88 m)
Height	10' (3.05 m)
Weight Estimate (dry)	9,000 lbs. (4082 kg)
Weight Estimate (operating)	13,500 lbs. (6123 kg)

CERTIFICATION

Package	CSA
Area Classification	General Purpose
Fuel Cube	Transport Canada

