

kWiet Power Generator Specifications

kWiet
POWER

Shindaiwa Generators

DGM60MK

GENERATOR

Generator type	Revolving Field Brushless AC
Continuous output, 60/50Hz, 3 phase	50kW (60kVA) / 41.6kW (52kVA)
Continuous output, 1 phase	36kW (36kVA)
Standby output, 3 phase	54kW (68kVA)
Voltage, 3 phase (switchable)	208, 220, 240, 416, 440, 480V
Voltage, 1 phase (switchable)	120, 127, 139, 240, 254, 277V
Amps, 1 phase, 120V	150A x 2
Amps, 1 phase, 240V	150A
Amps, 3 phase, 240V	144A
Amps, 3 phase, 480V	72A
Rated frequency / Regulation	60Hz* and 50Hz / ± 3 to 5%
Voltage regulation, 3 phase	$\pm 1\%$
Voltage regulation, 1 phase	$\pm 5\%$
Winding	3 phase, 4 wire Star with neutral
Power factor / Insulation	0.8 / Class F
Excitation / Number of poles	Self Excitation (brushless) / 4 poles
Sound level, no load at 23 feet	60 dB(A)
Sound level, full load at 23 feet	62 dB(A)

DIESEL ENGINE

Make, model and type	4 Cylinder Diesel Kubota V3800DI-CR
Emission certification	US EPA Tier 3
Design features	Direct injection (Turbocharged)/CAC
Displacement	230 cu. in. (3.769L)
Bore x stroke	3.94 x 4.72 in. (100 x 120mm)
Continuous rated output	77 hp (56.63kW) @ 1800 rpm (60Hz)
Battery Capacity	12V, 115AH
Starting system	Electric 12V DC
Internal fuel capacity/fuel type	111 gallons (420L)/ASTM No. 2 diesel
Fuel consumption, full load	3.7 gal./hr (14.0L/hr)
Fuel consumption, 3/4 load	2.7 gal./hr (10.2L/hr)
Fuel consumption, 1/2 load	1.9 gal./hr (7.2L/hr)
Fuel consumption, 1/4 load	1.2 gal./hr (4.5L/hr)
Total coolant capacity	3.3 gallons (12.5L)
Total oil capacity / oil class	3.5 gal. (13.2L) / CD class or higher

Standard meters and controls— Electronic governor, voltage, frequency, amperage and hour meters; automatic voltage regulator; oil pressure and water temperature gauges; battery charge warning indicator.

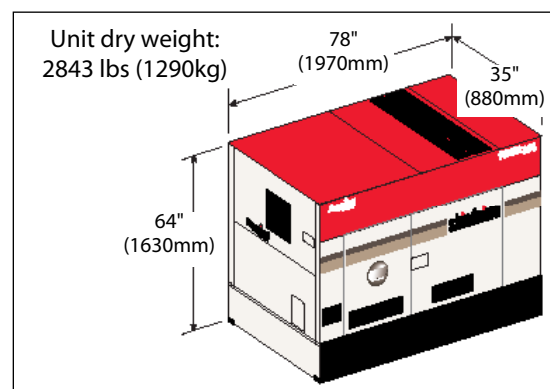
Available options— Electronic auto-start modules, battery chargers and block heaters. Plus a variety of trailers, fuel tanks and trailer accessories.

Specifications are subject to change without notice.



The DGM60MK delivers three phase and dual voltage single phase power simultaneously thanks to patented SimulPhase® technology

- Rugged, fuel-efficient Kubota diesel engine.
- 110% Spill Containment
- Ultra quiet thanks to advanced sound absorbing technology.
- Voltage selector permits matching output to the load. Lockable switch protects against improper voltage change.
- Low oil pressure and high coolant temperature result in automatic shutdown.
- Thermal relay opens main circuit breakers to protect generator in case of overload.
- Durable all weather enclosure with powder coat paint and stainless steel fasteners throughout provide protection against corrosion.
- Two-way tank valve for easy connection with auxiliary tanks.
- Easy-to-use control panel with reliable analog gauges.
- Lightweight and compact; fits into tight spaces.



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