

# kWiet Power Generator Specifications



## DGM60MK

### GENERATOR

Generator type	Revolving Field Brushless AC
Continuous output, 60Hz, 3 phase	50kW (60kVA)
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 / $\pm 0.25\%$
Voltage regulation, 3 phase	$\pm 1\%$
Voltage regulation, 1 phase	$\pm 2.5\%$
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.

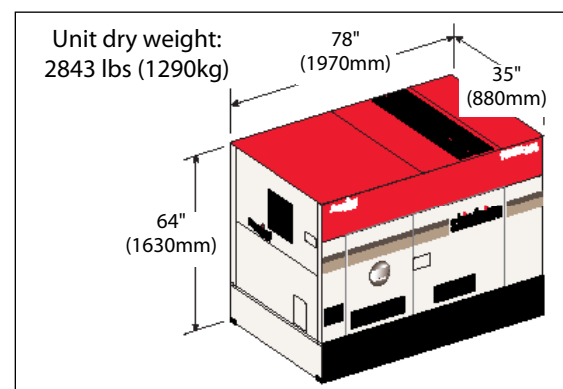
**Available options**— Electronic auto-start modules, battery chargers and block heaters. Plus a variety of trailers, fuel tanks and trailer accessories.

Specifications are subject to change without notice.



**The DGM60MK delivers three phase and dual voltage single phase power simultaneously thanks to patented SimulPhase<sup>®</sup> 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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**DGK25E**

**SIMULPHASE**  
TECHNOLOGY



GENERATOR



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



GH5B85F 8 F 97 9DH57 @9G  
2 x 20A 120V GFCI Duplex  
2 x 30A 125/250V 30A Nema L-14 Twistlock  
CdhjcbU') \$5 %&) #&) \$J 'k JghcW' Uj Uj'UV'Y



**Mobile Trailer Package:**

- Tandem 33500lb axle trailer - Transport Canada Approved
- Pintle hitch (optional 2-5/16" coupler)
- Electric brakes

**Weight & Dimensions:**

- 137"L x 69"W x 84"H
- 4100lb dry weight

**shindaiwa**  
Construction Products