

Add a silent partner to your business.



DGK100B
100kVA/80kW 3-phase
58kW single-phase

DGK70B
70kVA/56kW 3-phase
42kW single-phase

DGK45C Ultra Quiet
45kVA/36kW 3-phase
27kW single-phase

DGK25C Ultra Quiet
25kVA/20kW 3-phase
15kW single-phase

Features Simul-Phase™
Delivers dual single and three
phase power simultaneously

DGK150D Ultra Quiet
150kVA/120kW 3-phase
90kW single-phase

kWiet Power generators combine design simplicity with uncompromising standards of engineering and manufacturing excellence.

ISUZU
DIESEL

Powered by Isuzu.

FEATURES

- All kWiet Power generators feature rugged, fuel-efficient Isuzu diesel engines, a kWiet Power exclusive.
- Ultra quiet thanks to advanced sound-absorbing technology.
- kWiet Power generators are light-weight and exceptionally compact to fit into tight spaces.
- All engines meet current EPA emission standards.
- Provides both single- and three-phase output.
- Single-phase 120V output available **in all voltage settings.**
- Voltage selector switch permits matching output to the load. Lockable switch protects against improper voltage change.
- Low oil pressure and high coolant temperature result in automatic shut-downs (also overspeed on DGK150D).
- Thermal relay opens circuit breaker 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.

shindaiwa
Construction Products

kWiet Power Generator Specifications



MODEL	DGK25C Ultra Quiet	DGK45C Ultra Quiet	DGK70B	DGK100B	DGK150D Ultra Quiet
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GENERATOR					
Generator type	Revolving Field Brushless AC, simultaneous 3 phase and 120/240V 1 phase	Revolving Field Brushless AC	Revolving Field Brushless AC	Revolving Field Brushless AC	Revolving Field Brushless AC
Continuous output, 60/50Hz, 3 phase	20kW (25kVA) / 16.7kW (20.8kVA)	36kW (45kVA) / 30kW (37.5kVA)	56kW (70kVA) / 46.6kW (58.3kVA)	80kW (100kVA) / 66.6kW (83.3kVA)	120kW (150kVA) / 100kW (125kVA)
Continuous output, 1 phase	15kW (15kVA)	27kW (27kVA)	42kW (42kVA)	58kW (58kVA)	90kW (90kVA)
Standby output, 3 phase	22kW (27.5kVA)	39.6kW (49.5kVA)	61.6kW (77kVA)	88kW (110kVA)	132kW (165kVA)
Voltage, 3 phase (switchable)	208, 220, 240, 416, 440, 480V	208, 220, 240, 416, 440, 480V	208, 220, 240, 416, 440, 480V	208, 220, 240, 416, 440, 480V	208, 220, 240, 416, 440, 480V
Voltage, 1 phase (switchable)	120, 127, 139, 240, 254, 277V	120, 127, 139, 240, 254, 277V	120, 127, 139, 240, 254, 277V	120, 127, 139, 240, 254, 277V	120, 127, 139, 240, 254, 277V
Amps, 1 phase, 120V	55A (4-wire), 62.5A x 2 (zig-zag)	100A (4-wire), 112A x 2 (zig-zag)	155A (4-wire), 168A x 2 (zig-zag)	214A (4-wire), 241A x 2 (zig-zag)	333A (4-wire), 361A x 2 (zig-zag)
Amps, 1 phase, 240V	27A (4-wire), 62.5A (zig-zag)	50A (4-wire), 112A (zig-zag)	77A (4-wire), 168A (zig-zag)	120A (4-wire), 241A (zig-zag)	166A (4-wire), 361A (zig-zag)
Amps, 3 phase, 240V	60A	108A	168A	240A	361A
Amps, 3 phase, 480V	30A	54A	84A	120A	180A
Frequency – regulation	60/50Hz – ±3 to 5%	60/50Hz – ±3 to 5%	60/50Hz – ±3 to 5%	60/50Hz – ±3 to 5%	60/50Hz – ±0.25%
Voltage regulation, 3 phase	±1.0%	±1.0%	±1.0%	±1.5%	±1.0%
Voltage regulation, 1 phase	±5.0%	±2.5%	±2.5%	±2.5%	±2.5%
Rated speed, 60/50Hz	1800 / 1500 rpm	1800 / 1500 rpm	1800 / 1500 rpm	1800 / 1500 rpm	1800 / 1500 rpm
Winding	3-phase, 4-wire Star with neutral/zig-zag	3-phase, 4-wire Star with neutral/zig-zag	3-phase, 4-wire Star with neutral/zig-zag	3-phase, 4-wire Star with neutral/zig-zag	3-phase, 4-wire Star with neutral/zig-zag
Power factor / Insulation class	0.8 / F-class insulation	0.8 / F-class insulation	0.8 / H-class insulation	0.8 / F-class insulation	0.8 / F-class insulation
Excitation / Number of poles	Static (brushless) / 4 poles	Static (brushless) / 4 poles	Static (brushless) / 4 poles	Static (brushless) / 4 poles	Static (brushless) / 4 poles
Sound level, no load at 23 feet	53 dB(A)	53 dB(A)	62 dB(A)	64 dB(A)	57 dB(A)
Sound level, full load at 23 feet	56 dB(A)	56 dB(A)	65 dB(A)	67 dB(A)	60 dB(A)

DIESEL ENGINE					
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Make, model and type	Isuzu AA-4LE1, 4 cylinder	Isuzu 4JG1T, 4 cylinder	Isuzu 4BG1T, 4 cylinder	Isuzu 6BG1TC, 6 cylinder	Isuzu 6HK1TC, 6 cylinder
Emission certification	EPA Off-road Tier II	EPA Off-road Tier II	EPA Off-road Tier II	EPA Off-road Tier II	EPA Off-road Tier III
Design features	Swirl chamber injection	Direct injection, Turbocharged	Direct injection, Turbocharged	Direct injection, Turbocharged, Intercooler	Direct injection, Turbocharged, Intercooler
Displacement	133 cu. in. (2.179 L)	187 cu. in. (3.059 L)	264 cu. in. (4.329 L)	396 cu. in. (6.494L)	475.4 cu. in. (7.790L)
Bore x stroke	3.3 x 3.8 in. (85 x 96mm)	3.75 x 4.21 in. (95.4 x 107mm)	4.1 x 4.9 in. (105 x 125mm)	4.1 x 4.9 in. (105 x 125mm)	4.5 x 4.9 in. (115 x 125mm)
Continuous rated output	31 hp @ 1800 rpm	57 hp @ 1800 rpm	82 hp @ 1800 rpm	150.2 hp @ 1800 rpm	190 hp @ 1800 rpm
Starting system	Electric 12V DC	Electric 12V DC	Electric 12V DC	Electric 24V DC	Electric 24V DC
Internal fuel capacity	20.6 gallons (78L)	32.8 gallons (124L)	33.0 gallons (125L)	57.9 gallons (219L)	74 gallons (280L)
Fuel consumption, full load	1.57 gal./hr (5.94L/hr)	2.75 gal./hr (10.4L/hr)	4.38 gal./hr (16.6L/hr)	6.4 gal./hr (24.22L/hr)	8.5 gal./hr (32L/hr)
Fuel consumption, 3/4 load	1.19 gal./hr (4.50L/hr)	2.06 gal./hr (7.8L/hr)	3.33 gal./hr (12.6L/hr)	4.8 gal./hr (18.16L/hr)	6.6 gal./hr (25L/hr)
Fuel consumption, 1/2 load	0.89 gal./hr (3.36L/hr)	1.48 gal./hr (5.6L/hr)	2.38 gal./hr (9.0L/hr)	3.6 gal./hr (13.62L/hr)	4.5 gal./hr (17L/hr)
Fuel consumption, 1/4 load	0.59 gal./hr (2.25L/hr)	0.95 gal./hr (3.6L/hr)	1.51 gal./hr (5.7L/hr)	2.5 gal./hr (9.46L/hr)	2.6 gal./hr (10L/hr)
Total coolant capacity	2.2 gallons (8.2L)	3.4 gallons (13.0L)	4.5 gallons (17.0L)	5.6 gallons (21.3L)	6.2 gallons (23.8L)
Total oil capacity / oil class	2.2 gal. (8.5L) / CD or higher	2.6 gal. (10L) / CC or higher	3.8 gal. (14.2L) / CD or higher	5.3 gal. (20L) / CD or higher	9.9 gal. (38L) / CD or higher

PHYSICAL CHARACTERISTICS					
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Dimensions (L x W x H)	57" x 31" x 45" (1440 x 780 x 1140mm)	70" x 36" x 53" (1770 x 920 x 1350mm)	82" x 35" x 49" (2090 x 880 x 1240mm)	113" x 39" x 55" (2870 x 1000 x 1400mm)	136" x 49" x 73" (3450 x 1240 x 1850mm)
Unit dry weight	1543 lbs (700kg)	2513 lbs (1140kg)	2745 lbs (1245kg)	4079 lbs (1850kg)	6504 lbs (2950kg)

Meters and controls (all models)—Voltage, frequency, amperage and hour meters; automatic voltage regulator; oil pressure and water temperature gauges; battery charge warning indicator.

Available options (all models)—Electronic governors (standard on DGK150D), electronic auto-start modules, battery chargers and block heaters. Plus a variety of trailers, fuel tanks and trailer accessories.



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For more information on kWiet Power products, visit www.kwietpower.com
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