

TIER4

# shindaiwa®

A RELIABLE AND POWERFUL SOLUTION FOR  
YOUR POWER GENERATION NEEDS



**kwiet**  
POWER

877-986-7783 | [www.kwietpower.com](http://www.kwietpower.com)



**kWiet Power sound-attenuated, mobile generators combine design simplicity with uncompromising standards of engineering and manufacturing excellence.**

### kWiet Power Generator Features:

- All kWiet Power generators feature rugged, fuel-efficient diesel engines (a kWiet Power exclusive).
- Sound-absorbing technology makes each model ultra-quiet.
- kWiet Power generators are lightweight and exceptionally compact to fit into tight spaces.
- Generators connect easily, are simple to operate and offer extended run times.
- All engines meet current EPA emission standards.
- Provides both single- and three-phase output.
- Single-phase 120/240V output available in all voltage settings.
- Voltage selector switch permits matching output to the load.
- Lockable switch protects against improper voltage change.
- Engine protections to help prevent damage to your powered equipment.
- Thermal relay opens main circuit breaker to protect generator in case of overload.
- Durable, all-weather outer enclosure with powder-coat paint and stainless steel fasteners provide protection against corrosion.
- Two-way tank valve for easy connection with auxiliary tanks. (\*Not available on DGK7F and DGK15F models)
- S.E.T. Smart Emissions Technology™ (Standard) on the DGK70F, DGK125F, and DGK180F.



**THE MOST QUIET AND RELIABLE GENERATORS IN THE INDUSTRY.**

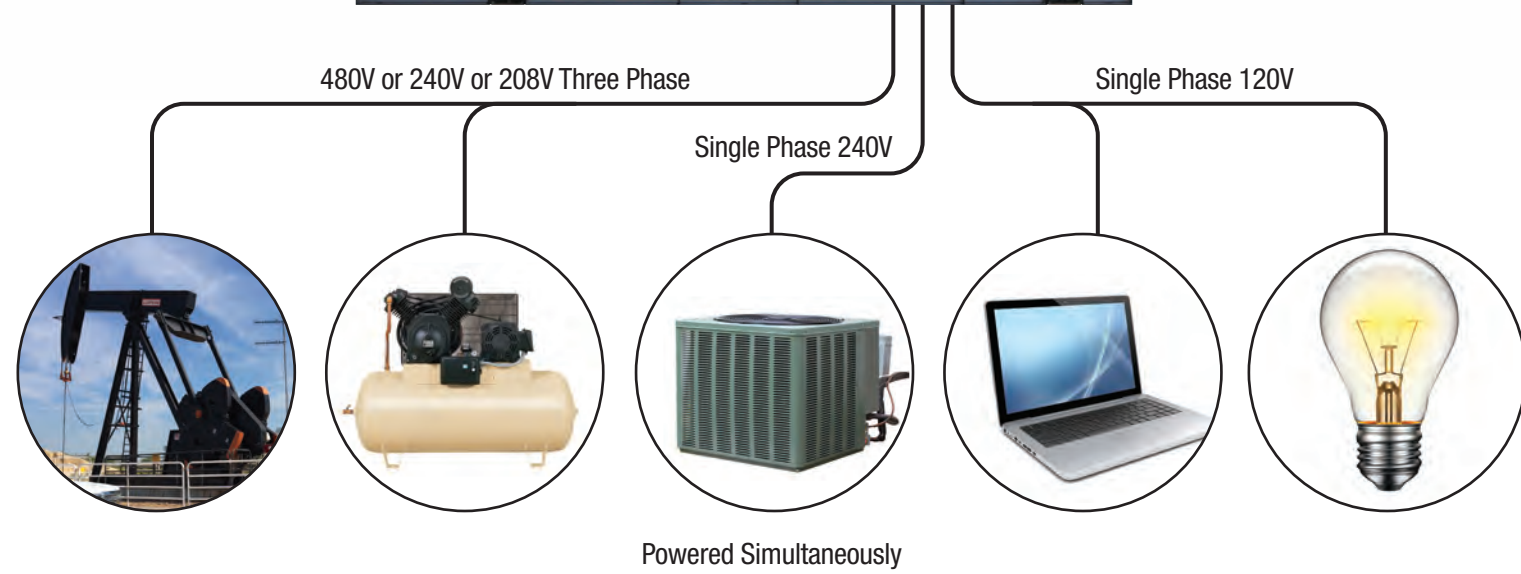
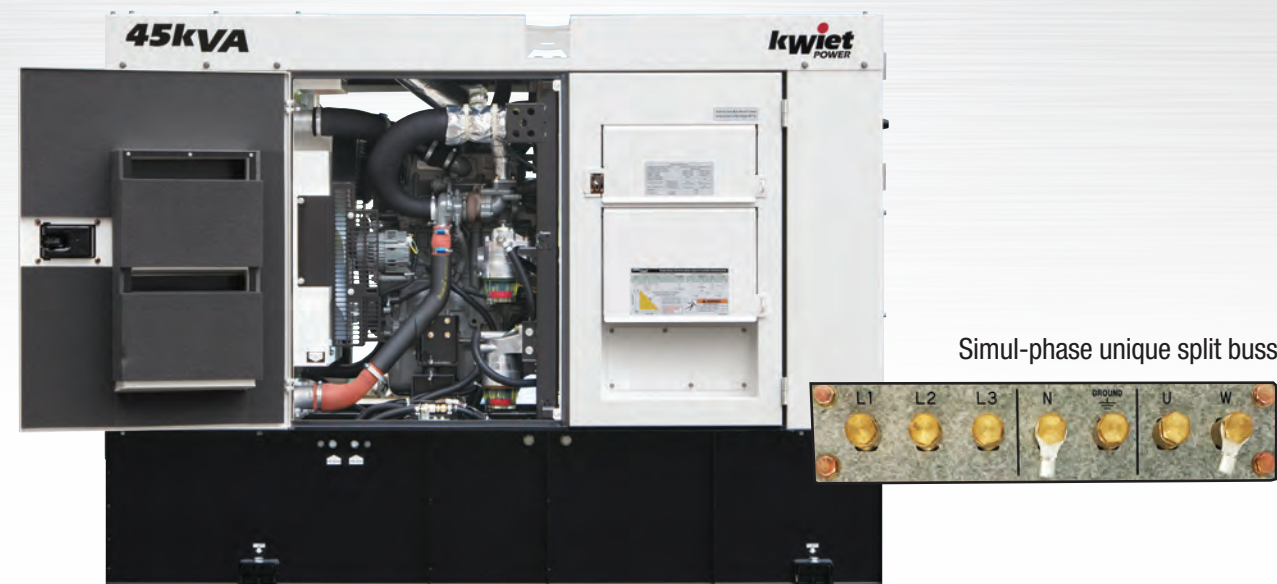




Shindaiwa's revolutionary Simul-Phase™ Technology delivers dual-voltage single- and three-phase power simultaneously.

**SIMUL-PHASE™**  
TECHNOLOGY

For the first time, users can deliver dual-voltage single-phase and three-phase current from one generator, without the use of transformers- AT THE SAME TIME! Now you can supply 120V and 240V power to lights, air conditioners, electric tools, and other similar devices at the same time you supply three-phase 240V/480V power to motors that drive compressors, pumps, and similar equipment **from one generator.**



Shindaiwa's Ultra-Quiet technology significantly reduces sound level making our generators one of the quietest in the industry.



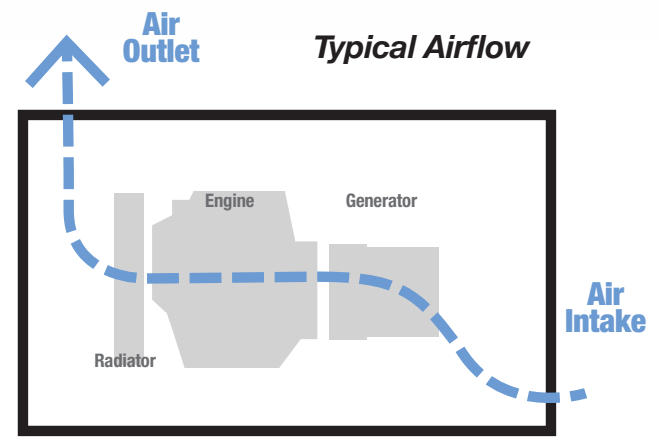
**Ultra-Quiet Features:**

- Air dams and insulated panels re-direct cooling air, by doubling the length-of-travel, to minimize airflow noise without the need for power-robbing auxiliary fans.
- The enclosure features heavy-gauge door panels along with specially-engineered, sound-absorbing foam. The result is lower sound levels as well as increased unit rigidity.
- Specially tuned muffler and a longer exhaust pipe improve the balance of high and low noise frequencies.

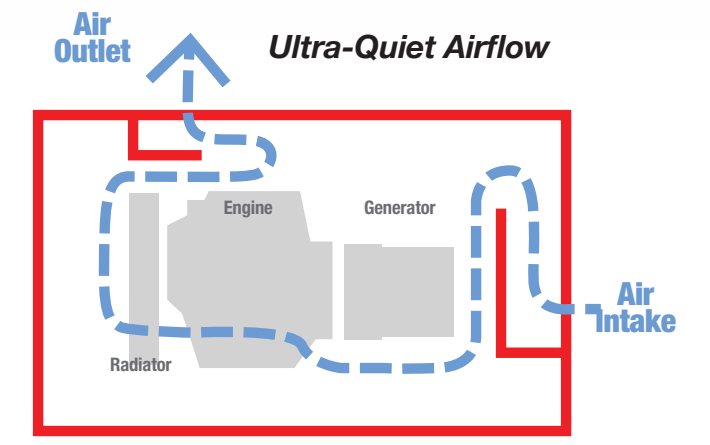
*DGK180F produces only 65dB(A) at full load. That is quieter than the level of sound produced by a typical household dishwasher!*

**Our Numbers Speak for Themselves:** (measured sound with no load at 23 feet)

<b>62 dB(A)</b>  DGK7F (7kVA)	<b>58 dB(A)</b>  DGK14F (14kVA)	<b>65 dB(A)</b>  DGK15F (15kVA)	<b>59 dB(A)</b>  DGK25F (25kVA)
<b>63 dB(A)</b>  DGK45F (45kVA)	<b>61 dB(A)</b>  DGK70F (70kVA)	<b>65 dB(A)</b>  DGK125F (125kVA)	<b>65 dB(A)</b>  DGK180F (180kVA)



Cooling air passes nearly straight through – conventional sound reduction.



Redirected cooling air doubles length of travel – lowers sound levels dramatically!





**Model** **DGK7F** **DGK14F** **DGK15F** **DGK25F**

**GENERATOR**

<b>Generator type</b>	Revolving Field Brushless AC	Revolving Field Brushless AC	Revolving Field Brushless AC	Revolving Field Brushless AC
<b>Continuous output, 60Hz, 3 phase</b>	-	-	12kW (15kVA)	20kW (25kVA)
<b>Continuous output, 1 phase</b>	6.5kW	14kW	12kW	15kW (15kVA) [7.5kW(7.5kVA)]
<b>Standby output, 3 phase</b>	Single Phase 7.2kW	Single Phase 14.7kW	13.2kW (16.5kVA)	22kW (27.5kVA)
<b>Voltage, 3 phase (switchable)</b>	-	-	240	240 [480V]
<b>Voltage, 1 phase (switchable)</b>	-	-	120,240	120, 139, 240 [277V]
<b>Amps, 1 phase, 120V</b>	54A	58.3A x 2	50.0A x 2 (zig-zag-w)	62.5A x 2 [31.3A] (zig-zag-w)
<b>Amps, 1 phase, 240V</b>	27A	58.3A	50.0A (zig-zag-w)	62.5A [31.3A] (zig-zag-w)
<b>Amps, 3 phase, 240V</b>	-	-	36.1A	60A
<b>Amps, 3 phase, 480V</b>	-	-	-	30A
<b>Rated Frequency - Regulation</b>	60Hz ± 0.25%	60Hz ±0.25%	60Hz ±0.25%	60Hz ±0.25%
<b>Rated speed, 60Hz</b>	3600 rpm	1800 rpm	3600 rpm	1800 rpm
<b>Sound level, no load at 23 feet</b>	62 dB(A)	58 dB(A)	65 dB(A)	59 dB(A)
<b>Sound level, full load at 23 feet</b>	64 dB(A)	60 dB(A)	67 dB(A)	62 dB(A)

**DIESEL ENGINE**

<b>Make, model and type</b>	Kubota Z482	Kubota D1503, 3 cylinder	Kubota D902, 3 cylinder	Isuzu 4LE2T, 4 cylinder
<b>Emission certification</b>	US EPA Tier 4 Final	US EPA Tier 4 Final	US EPA Tier 4 Final	US EPA Tier 4 Final
<b>Design features</b>	Indirect injection, Naturally aspirated	Indirect injection	Indirect injection	Direct injection, Turbocharged
<b>Displacement</b>	29.23 cu. in. (.479 L)	91 cu. in. (1.499 L)	54.8 cu. in. (0.898 L)	133 cu. in. (2.179 L)
<b>Continuous rated output</b>	11.3 hp (8.4kW) @ 3600 rpm	19.5 hp @ 1800 rpm	20.7 hp @ 3600 rpm	33 hp @ 1800 rpm
<b>Starting system</b>	Electric 12V DC	Electric 12V DC	Electric 12V DC	Electric 12V DC
<b>Internal fuel capacity</b>	9.5 gallons (36.4 L)	34.3 gallons (130 L)	9.62 gallons (36.4 L)	51.5 gallons (195 L)
<b>Fuel consumption, full load</b>	0.68 gal./hr (2.6 L/hr)	1.37 gal./hr (5.2 L/hr)	1.24 gal./hr (4.7 L/hr)	1.6 gal./hr (6.1 L/hr)
<b>Fuel consumption, 3/4 load</b>	0.55 gal./hr (2.1 L/hr)	1.00 gal./hr (3.8 L/hr)	1.03 gal./hr (3.9 L/hr)	1.2 gal./hr (4.6 L/hr)
<b>Fuel consumption, 1/2 load</b>	0.47 gal./hr (1.8 L/hr)	0.71 gal./hr (2.7 L/hr)	0.85 gal./hr (3.2 L/hr)	0.9 gal./hr (3.6 L/hr)
<b>Fuel consumption, 1/4 load</b>	0.36 gal./hr (1.4 L/hr)	0.50 gal./hr (1.9 L/hr)	0.66 gal./hr (2.5 L/hr)	0.7 gal./hr (2.5 L/hr)
<b>Total coolant capacity</b>	1.04 gallons (4.0 L)	2.3 gallons (8.8 L)	1.06 gallons (4 L)	2.6 gallons (10 L)
<b>Total oil capacity / oil class</b>	0.68 gallons (2.6L)	1.9 gallons (7.3 L)	0.95 gallons (3.6 L)	3.0 gallons (11.5 L)

**PHYSICAL CHARACTERISTICS**

<b>Dimensions (L x W x H)</b>	42.7" x 25" x 34.9" (1095 x 640 x 895 mm)	55" x 28" x 47" (1390 x 704 x 1204 mm)	51.6" x 25.2" x 35.2" (1310 x 640 x 895 mm)	63" x 33" x 55" (1603 x 850 x 1400 mm)
<b>Unit dry weight</b>	744 lbs. (335 kg)	1378 lbs. (625 kg)	926 lbs. (420 kg)	1929 lbs. (875 kg)

**Model** **DGK45F** **DGK70F** **DGK125F** **DGK180F**

**GENERATOR**

<b>Generator type</b>	Revolving Field Brushless AC	Revolving Field Brushless AC	Revolving Field Brushless AC	Revolving Field Brushless AC
<b>Continuous output, 60Hz, 3 phase</b>	36kW (45kVA)	56kW (70kVA)	100kW (125kVA)	144kW (180kVA)
<b>Continuous output, 1 phase</b>	27kW (27kVA) [13.5kW(13.5kVA)]	42kW [21kW]	75 kW	108kW
<b>Standby output, 3 phase</b>	40kW (50kVA)	61.6kW (77kVA)	137.5 kW	158kW
<b>Voltage, 3 phase (switchable)</b>	240 [480V]	240 [480V]	208V, 240V, 480V	208V, 240V, 480V
<b>Voltage, 1 phase (switchable)</b>	120, 139, 240 [277V]	120V, 139, 240 [277V]	120V, 240V	120V, 240V
<b>Amps, 1 phase, 120V</b>	112A x 2 [56A] (zig-zag-w)	175A x 2 [87.5A x 2] (zig-zag-w)	313A x 2 (156A x 2, 480V)	450A x 2 (225A x 2, 480V)
<b>Amps, 1 phase, 240V</b>	112A [56A] (zig-zag-w)	175A [87.5A] (zig-zag-w)	313A (156A, 480V)	450A (225A, 480V)
<b>Amps, 3 phase, 240V</b>	108A	168A	301A	433A (500A @ 208V)
<b>Amps, 3 phase, 480V</b>	54A	84A	150A	216A
<b>Rated Frequency - Regulation</b>	60Hz ±0.25%	60Hz ±0.25%	60Hz ±0.15%	60Hz ±0.15%
<b>Rated speed, 60Hz</b>	1800 rpm	1800 rpm	1800 rpm	1800 rpm
<b>Sound level, no load at 23 feet</b>	63 dB(A)	61 dB(A)	65 db	65 dB(A)
<b>Sound level, full load at 23 feet</b>	66 dB(A)	62 dB(A)	66 db	65 dB(A)

**DIESEL ENGINE**

<b>Make, model and type</b>	Isuzu 4LE2X, 4 cylinder	Isuzu 4JJ1X 4 cylinder	ISUZU 4HK1X	ISUZU 6HK1
<b>Emission certification</b>	US EPA Tier 4 Final	US EPA Tier 4 Final	US EPA Tier4 Final	US EPA Tier 4 Final
<b>Design features</b>	Direct injection, Turbocharged, intercooler	Direct Injection, Turbocharged, Intercooler, DOC and SCR	Direct injection, Turbocharged, DOC and SCR	Direct Injection, Turbocharged, DOC and SCR
<b>Displacement</b>	133 cu. in. (2.179 L)	183.0 cu. in. (2.999 L)	316.9 cu.in. (5.193L)	475 cu. in. (7,790 L)
<b>Continuous rated output</b>	59 hp @ 1800 rpm	95.2 hp (71.0kW) @ 1800 rpm (60Hz)	152.3 hp (113.6kW) @1800rpm (60Hz)	227.3 hp (169.5kW) @ 1800 rpm (60Hz)
<b>Starting system</b>	Electric 12V DC	Electric 12V DC	Electric 12 V DC	Electric 24V DC
<b>Internal fuel capacity</b>	79 gallons (300 L)	105 gallons (400L) (DEF 7.4 gal.)	171.7 gal (650 L)	275 gallons (1042 L) (DEF 14.6 gal.)
<b>Fuel consumption, full load</b>	2.8 gal./hr (10.7 L/hr)	4.4 gal./hr (16.6L/hr)	7.1 gal/hr (26.9L/hr)	10.3 gal./hr (39.1 L/hr)
<b>Fuel consumption, 3/4 load</b>	2.1 gal./hr (8.2 L/hr)	3.4 gal./hr (13.1L/hr)	5.5 gal/hr (20.7L/hr)	7.8 gal./hr (29.6 L/hr)
<b>Fuel consumption, 1/2 load</b>	1.5 gal./hr (5.9 L/hr)	2.5 gal./hr (9.5L/hr)	3.9 gal/hr (14.7L/hr)	5.6 gal./hr (21.3 L/hr)
<b>Fuel consumption, 1/4 load</b>	0.9 gal./hr (3.8 L/hr)	1.8 gal./hr (6.4L/hr)	2.1 gal/hr (9.1L/hr)	3.6 gal./hr (13.8 L/hr)
<b>Total coolant capacity</b>	2.9 gallons (11 L)	3.7 gallons (14.0L)	8.2 gal (31 L)	8.7 gallons (33 L)
<b>Total oil capacity / oil class</b>	3.0 gallons (11.5 L)	4.0 gal. (15.0L)	6.2 gal (23.5 L)	10.5 gallons (40 L)

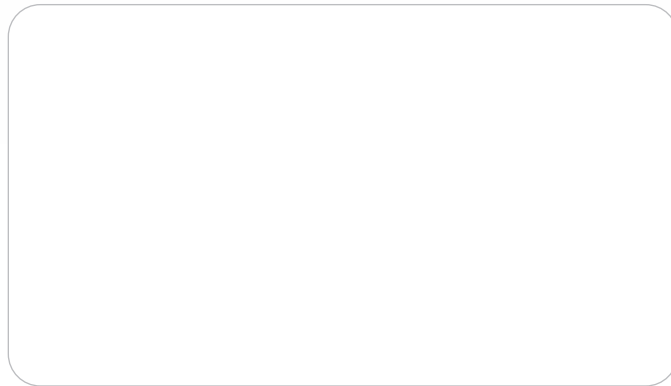
**PHYSICAL CHARACTERISTICS**

<b>Dimensions (L x W x H)</b>	83" x 37" x 61" (2100 x 950 x 1550 mm)	102" x 37.5" x 69" (2590 x 951 x 1751mm)	120" x 48.8" x 59.1" (3,050 x 1,240 x 1,500mm)	143.7" x 52.8" x 87.8" (3650 x 1340 x 2230 mm)
<b>Unit dry weight</b>	2634 lbs. (1195 kg)	3898 lbs (1754kg)	6,592 lbs (2,990kg)	9370 lbs. (4250 kg)

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POWER

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