

# kWiet Power Generator Specifications

**kWiet**  
POWER  
Shindaiwa Generators

## DGK25E

**SIMULPHASE**  
TECHNOLOGY

### GENERATOR

Generator type	Revolving Field Brushless AC, Simultaneous 3 phase, 120/240V 1 Phase
Continuous output, 60/50Hz, 3 phase	20kW (25 kVA)/16.7kW (20.8kVA)
Continuous output, 1 phase	15kW (15 kVA)
Standby output, 3 phase	22kW (27.5kVA)
Voltage, 3 phase (switchable)	208, 220, 240, 416, 440, 480V
Voltage, 1 phase (switchable)	120, 127, 139, 240, 254, 277V
Amps, 1 phase, 120V	62.5A x 2
Amps, 1 phase, 240V	62.5A
Amps, 3 phase, 240V	60A
Amps, 3 phase, 480V	30A
Rated frequency / Regulation	60Hz* and 50Hz / $\pm 3$ 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	Static (brushless) / 4 poles
Sound level, no load	53 dB(A)
Sound level, full load	56 dB(A)

### DIESEL ENGINE

Make, model and type	Isuzu 4LE1, 4 cylinder diesel
Emission certification	US EPA Interim Tier 4
Design features	Swirl chamber injection
Displacement	133 cu. in. (2.179L)
Bore x stroke	3.35 x 3.78 in. (85 x 96mm)
Continuous rated output	31 hp @ 1800 rpm (60Hz)
Battery capacity	12V, 80AH
Starting system	Electric 12V DC
Internal fuel capacity / fuel type	20.6 gallons (78L) / ASTM No. 2 diesel
Fuel consumption, full load	1.57 gal./hr (5.94L/hr)
Fuel consumption, 3/4 load	1.19 gal./hr (4.50L/hr)
Fuel consumption, 1/2 load	0.89 gal./hr (3.36L/hr)
Fuel consumption, 1/4 load	0.59 gal./hr (2.25L/hr)
Total coolant capacity	2.2 gallons (8.2L)
Total oil capacity / oil class	2.2 gal. (8.5L) / CD or higher

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

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

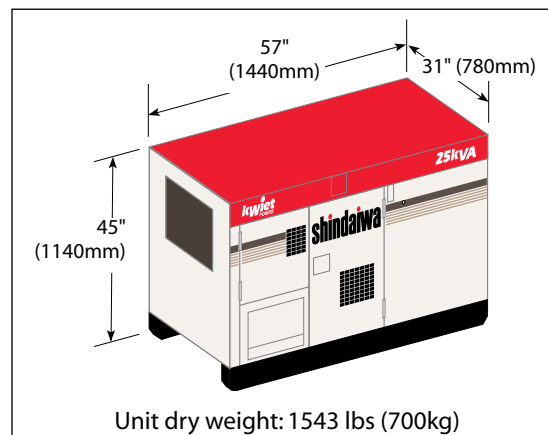
\* US emission certified at 60Hz only.

Specifications are subject to change without notice.



**The DGK25E delivers three phase and dual voltage single phase power simultaneously thanks to patented SimulPhase® technology.**

- Rugged, fuel-efficient Isuzu diesel engine. Meets current EPA Interim Tier 4 emission standards.
- 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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