

kWiet Power Generator Specifications

DGK25B

GENERATOR

Generator type	Revolving Field Brushless AC
Continuous output, 60/50Hz, 3 phase	20kW (25kVA) / 16.7kW (20.8kVA)
Continuous output, 1 phase	15kW (15kVA)
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	55A (4-wire), 62A x 2 (zig-zag)
Amps, 1 phase, 240V	27A (4-wire), 62A (zig-zag)
Amps, 3 phase, 240V	60A
Amps, 3 phase, 480V	30A
Frequency – regulation	60/50Hz – ±3 to 5%
Voltage regulation, 3 phase	±1.0%
Voltage regulation, 1 phase	±2.5%
Rated speed, 60/50Hz*	1800 / 1500 rpm
Winding	3-phase, 4-wire Star w/neutral/zig-zag
Power factor / Insulation class	0.8 / F-class insulation
Excitation / Number of poles	Static (brushless) / 4 poles
Sound level, no load at 23 feet	62 dB(A)
Sound level, full load at 23 feet	65 dB(A)

DIESEL ENGINE

Make, model and type	Isuzu 4LE1, 4 cylinder
Emission certification	EPA Off-road Tier II
Design features	Swirl chamber injection
Displacement	133 cu. in. (2.179 L)
Bore x stroke	3.3 x 3.8 in. (85 x 96mm)
Continuous rated output	31 hp @ 1800 rpm
Starting system	Electric 12V DC
Internal fuel capacity	17.2 gallons (65L)
Fuel consumption, full load	1.7 gal./hr (6.4L/hr)
Fuel consumption, 3/4 load	1.3 gal./hr (4.92L/hr)
Fuel consumption, 1/2 load	1.0 gal./hr (3.79L/hr)
Fuel consumption, 1/4 load	0.7 gal./hr (2.65L/hr)
Total coolant capacity	2.2 gallons (8.0L)
Total oil capacity / oil class	2.1 gal. (8.0L) / CD class or higher

Meters and controls—Voltage, frequency, amperage and hour meter; automatic voltage regulator; oil pressure and water temperature gauge; battery charge warning indicator.

Available options—Electronic governor, electronic auto-start module, battery chargers and block heater. Plus a variety of trailers, fuel tanks and trailer accessories.

* US emission certified at 1800 rpm only.

Specifications are subject to change without notice.



Design simplicity. Uncompromising engineering. Manufacturing excellence.

- Powered by a rugged, fuel-efficient Isuzu engine. Meets current EPA emission standards
- Exceptionally quiet thanks to advanced sound-absorbing technology.
- Lightweight and compact; fit into tight spaces.
- Connects easily and is simple to operate.
- Provides both single- and three-phase output.
- Single-phase 120V output available in all voltage settings.
- 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 shut-down.
- Thermal relay opens main circuit breaker to protect generator in case of overheat.
- Durable all-weather out enclosure with powder coat paint and stainless steel fasteners throughout provide protection against corrosion.
- Two-way tank valve for easy connection with auxiliary tanks.

