

## Super Quiet Generators



### Specifications

System Power Output	T50
Prime 3 phase power	39 kW / 49 kVA
Standby 3 phase power	43 kW / 54 kVA
Available 3 phase voltage	208 / 220 / 240 / 440 / 480
Associated 3 phase amps (0.8 power factor)	136 / 129 / 118 / 64 / 59
Prime 1 phase power	32 kW / 32 kVA
Available 1 phase voltage	120 / 240
Associated 1 phase Amps (1.0 power factor)	267 / 134
Max Amp rating (main breaker size)	150 A

### Engine

Manufacturer, model	Kubota, V3800DI-T-E3BG
Horsepower - Prime (1800 rpm)	63.7 hp (47.5 kWm)
Description	Vertical 4-cycle Liquid Cooled Diesel
Bore & stroke	3.94 x 4.72 in (100 x 120 mm)
Piston displacement	223 in <sup>3</sup> (3.769 L)
Compression ratio	19:1
Exhaust system	In-line muffler
Monitoring gauges	Oil pressure, water temperature, fuel level, battery voltage, hours
Coolant capacity (engine only)	6.0 qts (5.7 L)
Cooling system	Liquid Cooled - Rated to 120° F Ambient

SUPER QUIET GENERATORS  
**T50**

# Super Quiet Generator

## T50

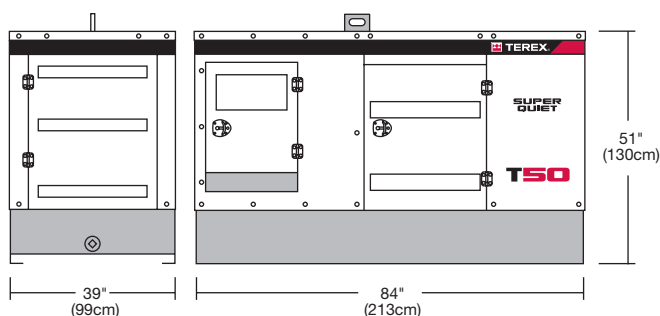
### Specifications

Fuel System		T50
Fuel specification		#2 diesel
Filter		Fuel/water separator
Capacity		75 gal (284 L)
Tank and containment		Internal fuel tank with 110% fluid spill containment
Consumption and run time	- Full Load	3.46 gal/hr (13.1 L/hr) 21 hrs
	- ¾ Load	2.81 gal/hr (10.6 L/hr) 25 hrs
	- Half Load	2.13 gal/hr (8.1 L/hr) 31 hrs

System Controls and Distribution	
Governor	Mechanical (+/- 4%)
Protection (safety shutdowns)	Low oil pressure, high water temperature overcrank, overspeed, underspeed
Generator gauges	Voltmeter, ammeter, dial-type Hertz meter
Receptacles, 120 V	2 Each 20 Amp GFCI Duplex
Receptacles, 240 V	2 Each 50 Amp Tempower T/L
Primary distribution	5 lug terminals with mainline circuit breaker

Packaging	
Enclosure	Sound attenuated, weatherproof with lockable doors
Sound levels	66 dBA at 23 ft (7 meters) prime load
Lifting system	Roof-mounted, single point
Weight (no trailer)	
– empty	2,749 lb (1,247 kg)
– full	3,197 lb (1,450 kg)
Dimensions – L x W x H (no trailer)	84 x 39 x 51 in (213 x 99 x 130 cm)
Weight (with trailer)	
– empty	3,224 lb (1,463 kg)
– full	3,672 lb (1,666 kg)
Dimensions – L x W x H (with trailer)	137 x 66 x 68 in (348 x 168 x 173 cm)

Generator	
Rating (0.8 power factor)	52 kW 3 phase @ 480/240V
Description	Brushless, 4 Pole, synchronous, single bearing
Insulation	Class H
Temperature rating	125° C rise over 40° C ambient
Automatic voltage regulator	External, solid state, adjustable
Voltage regulation	+/- 1%
Frequency (speed)	60 Hertz (1800 RPM)



### Options and Accessories

Trailer Options	Power & Productivity Options	
Trailer hitch, 2 in ball	Battery disconnect switch	Lighted control panel
Trailer taillight connector, 4 pole flat	Electronic governor	Control panel mounted phase selector switch
Spare tire (mounts on A frame)	5A battery charger with monitoring	External fuel connection
Trailer hitch, 2 5/16 in ball (12,000 lb rated)	Block heater	1000 CCA Battery
	Cam lock distribution panel, standard lug panel	Automatic air shutdown



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For more information, product demonstration, or details on purchase, lease and rental plans, please contact your local Genie distributor.

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