

**Super Quiet Generators**


**SUPER QUIET GENERATORS**  
**T50**

**STANDARD FEATURES**

- Versatile solution for your worksite power needs
- Rental ready mobile generator package
- Heavy duty 4 cycle diesel engine
- User friendly control panel

**Specifications**

System Power Output	
Model	T50
Prime 3 phase power	40 kW
Prime 3 phase kVA	50 kVA
Available 3 phase voltage	208 / 220 / 240 / 440 / 480
Associated 3 phase amps (0.8 power factor)	139 / 131 / 120 / 66 / 60
Prime 1 phase power	28 kW
Prime 1 phase kVA	28 kVA
Available 1 phase voltage	120 / 240
Associated 1 phase amps (1.0 power factor)	232 / 116
Max amp rating (main breaker size)	150 A

# Super Quiet Generator T50

## Specifications

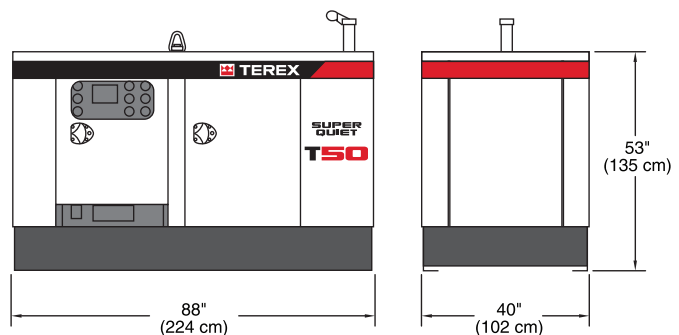
Engine	T50
Manufacturer	Perkins
Model	1104C-44G2
Horsepower - prime (1,800 rpm)	66 hp (49 kWm)
Description	4 cylinder, 4-cycle, water cooled, OHV, in-line, direct injection
Bore & stroke	4.13 x 5.00 in (105 mm x 127 mm)
Piston displacement	286 in <sup>3</sup> (4.0 L)
Compression ratio	19.2 : 5
Exhaust system	critical grade silencer
Monitoring gauges	oil pressure, water temperature, fuel level, battery voltage, hours
Coolant capacity - engine only	5.28 qts (5 L)
Cooling system	liquid cooled - rated to 105° F ambient

Fuel System										
Specification	#2 diesel									
Filter	fuel / water separator									
Capacity	80 gal (303 L)									
Tank and containment	internal fuel tank with fluid spill containment									
Consumption and run time	<table border="0"> <tr> <td>Full load</td> <td>3.0 gal/hr (11.4 L/hr)</td> <td>27 hr</td> </tr> <tr> <td>3/4 load</td> <td>2.1 gal/hr (7.9 L/hr)</td> <td>38 hr</td> </tr> <tr> <td>Half load</td> <td>1.5 gal/hr (5.7 L/hr)</td> <td>53 hr</td> </tr> </table>	Full load	3.0 gal/hr (11.4 L/hr)	27 hr	3/4 load	2.1 gal/hr (7.9 L/hr)	38 hr	Half load	1.5 gal/hr (5.7 L/hr)	53 hr
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System Controls and Distribution	
Engine governor	electronic (+/- .5%)
Protection (safety shutdowns)	low oil pressure, high water temp., overcrank, overspeed, underspeed
Generator gauges	voltmeter, ammeter, dial type Hz 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

Generator	
Rating (0.8 power factor)	40 kW 3 Phase @ 480 / 240 V
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 Hz (1,800 rpm)

Packaging					
Enclosure	sound attenuated, weatherproof with lockable doors				
Sound levels	66 dBA at 23 ft (7 meters)				
Lifting system	roof mounted, single point				
Weight (no trailer)	<table border="0"> <tr> <td>empty</td> <td>3,069 lbs (1,392 kg)</td> </tr> <tr> <td>full</td> <td>3,637 lbs (1,650 kg)</td> </tr> </table>	empty	3,069 lbs (1,392 kg)	full	3,637 lbs (1,650 kg)
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full	3,637 lbs (1,650 kg)				
Dimensions - L x W x H (no trailer)	88 x 40 x 53 in (224 x 102 x 135 cm)				
Weight (with trailer)	<table border="0"> <tr> <td>empty</td> <td>4,185 lbs (1,898 kg)</td> </tr> <tr> <td>full</td> <td>4,745 lbs (2,152 kg)</td> </tr> </table>	empty	4,185 lbs (1,898 kg)	full	4,745 lbs (2,152 kg)
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Dimensions - L x W x H (with trailer)	129 x 68 x 73 in (328 x 173 x 185 cm)				



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