

**Super Quiet Generators**

**SUPER QUIET GENERATORS**  
**T90**
**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	T90
Prime 3 phase power	72 kW
Prime 3 phase kVA	90 kVA
Available 3 phase voltage	208 / 220 / 240 / 440 / 480
Associated 3 phase amps (0.8 power factor)	250 / 236 / 217 / 118 / 108
Prime 1 phase power	59 kW
Prime 1 phase kVA	59 kVA
Available 1 phase voltage	120 / 240
Associated 1 phase amps (1.0 power factor)	492 / 246
Max amp rating (main breaker size)	300 A

# Super Quiet Generator T90

## Specifications

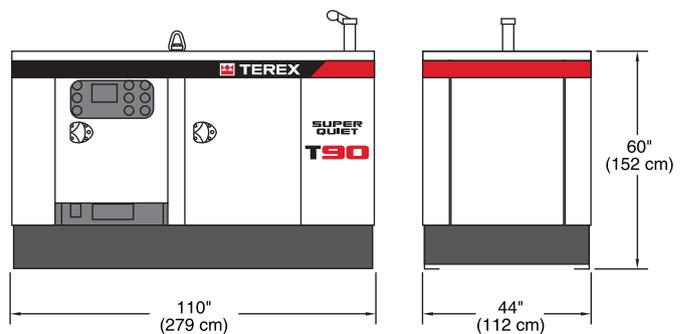
Engine	T90
Manufacturer	Perkins
Model	1104C-44TAG1
Horsepower - prime (1,800 rpm)	112 hp (84 kWm)
Description	4 cylinder, 4-cycle, water cooled, OHV, in-line, direct injection
Bore & stroke	4.13 x 5.00 in (105 mm x 127 mm)
Piston displacement	269 in <sup>3</sup> (4.41 L)
Compression ratio	18.2 : 1
Exhaust system	critical grade silencer
Monitoring gauges	oil pressure, water temperature, fuel level, battery voltage, hours
Coolant capacity - engine only	8.5 qts. (8.0 L)
Cooling system	liquid cooled - rated to 105° F ambient

Fuel System										
Specification	#2 diesel									
Filter	fuel / water separator									
Capacity	196 gal (742 L)									
Tank and containment	internal fuel tank with fluid spill containment									
Consumption and run time	<table border="0"> <tr> <td>Full load</td> <td>5.8 gal/hr (22 L/hr)</td> <td>33 hr</td> </tr> <tr> <td>3/4 load</td> <td>4.5 gal/hr (17 L/hr)</td> <td>43 hr</td> </tr> <tr> <td>Half load</td> <td>3.1 gal/hr (11.7 L/hr)</td> <td>63 hr</td> </tr> </table>	Full load	5.8 gal/hr (22 L/hr)	33 hr	3/4 load	4.5 gal/hr (17 L/hr)	43 hr	Half load	3.1 gal/hr (11.7 L/hr)	63 hr
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System Controls and Distribution	
Engine governor	electronic (+/- .5%)
Protection (safety shutdowns)	low oil pressure, high water temp., overcrank, overspeed
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)	83 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 (1800 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>5,200 lbs (2,359 kg)</td> </tr> <tr> <td>full</td> <td>6,038 lbs (2,739 kg)</td> </tr> </table>	empty	5,200 lbs (2,359 kg)	full	6,038 lbs (2,739 kg)
empty	5,200 lbs (2,359 kg)				
full	6,038 lbs (2,739 kg)				
Dimensions - L x W x H (no trailer)	110 x 44 x 60 in (279 x 112 x 152 cm)				
Weight (with trailer)	<table border="0"> <tr> <td>empty</td> <td>6,697 lbs (3,038 kg)</td> </tr> <tr> <td>full</td> <td>7,535 lbs (3,418 kg)</td> </tr> </table>	empty	6,697 lbs (3,038 kg)	full	7,535 lbs (3,418 kg)
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Dimensions - L x W x H (with trailer)	177 x 75 x 80 in (450 x 191 x 203 cm)				



### Genie Industries, Inc.

A Terex company

18340 NE 76th Street  
PO Box 97030

Redmond, WA 98073-9730

TEL 425-881-1800

TOLL FREE 800-536-1800

PARTS & TECH SUPPORT 800-228-6444

FAX 425-883-8475

WEB [www.genieindustries.com](http://www.genieindustries.com)

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

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