

Super Quiet Generators
**SUPER QUIET GENERATORS
T45**

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 Rating at 60 Hz

Prime	36 kW / 45 kVA
Standby	40 kW / 50 kVA

System Power Output at Prime

Available 3 phase voltage	208 / 220 / 240 / 440 / 480
Associated 3 phase amps (0.8 power factor)	125 / 118 / 108 / 59 / 54
1 phase power	28 kW
1 phase kVA	28 kVA
Available 1 phase voltage	120 / 240
Associated 1 phase amps (1.0 power factor)	234 / 117
Max amp rating (main breaker size)	150 A

Super Quiet Generator T45

Specifications

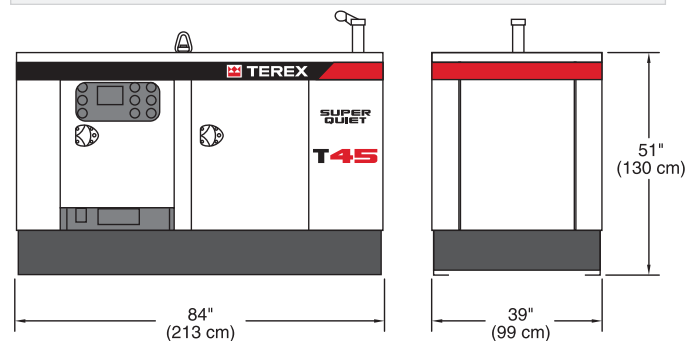
Engine	T45
Manufacturer	Isuzu
Model	4JG1TPV
Horsepower - prime (1,800 rpm)	58 hp (43.3 kWm)
Description	4 cylinder, 4-cycle, water cooled, OHV, in-line, direct injection
Bore & stroke	3.74 x 4.21 in. (95 mm x 107 mm)
Piston displacement	189 in ³ (3.1 L)
Compression ratio	18.6 : 1
Exhaust system	critical grade silencer
Monitoring gauges	oil pressure, water temperature, fuel level, battery voltage, hours
Coolant capacity - engine only	3 qts (2.8 L)
Cooling system	liquid cooled - rated to 105° F ambient

Fuel System										
Specification	#2 diesel									
Filter	fuel / water separator									
Capacity	64 gal (242 L)									
Tank and containment	internal fuel tank with 110% fluid spill containment									
Consumption and run time	<table border="0"> <tr> <td>Full load</td> <td>2.8 gal/hr (10.6 L/hr)</td> <td>23 hr</td> </tr> <tr> <td>3/4 load</td> <td>2.2 gal/hr (8.3 L/hr)</td> <td>29 hr</td> </tr> <tr> <td>Half load</td> <td>1.7 gal/hr (6.4 L/hr)</td> <td>38 hr</td> </tr> </table>	Full load	2.8 gal/hr (10.6 L/hr)	23 hr	3/4 load	2.2 gal/hr (8.3 L/hr)	29 hr	Half load	1.7 gal/hr (6.4 L/hr)	38 hr
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System Controls and Distribution	
Engine governor	mechanical (+/- 2%)
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	
Manufacturer	Newage
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	65 dBA at 23 ft (7 m)				
Lifting system	roof mounted, single point				
Weight (no trailer)	<table border="0"> <tr> <td>empty</td> <td>2,725 lbs (1,236 kg)</td> </tr> <tr> <td>full</td> <td>3,173 lbs (1,439 kg)</td> </tr> </table>	empty	2,725 lbs (1,236 kg)	full	3,173 lbs (1,439 kg)
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full	3,173 lbs (1,439 kg)				
Dimensions - L x W x H (no trailer)	84 x 39 x 51 in (213 x 99 x 130 cm)				
Weight (with trailer)	<table border="0"> <tr> <td>empty</td> <td>3,200 lbs (1,452 kg)</td> </tr> <tr> <td>full</td> <td>3,648 lbs (1,655 kg)</td> </tr> </table>	empty	3,200 lbs (1,452 kg)	full	3,648 lbs (1,655 kg)
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Dimensions - L x W x H (with trailer)	137 x 66 x 68 in (348 x 168 x 173 cm)				



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



Genie Industries, Inc.

A Terex Company

18340 NE 76th Street
PO Box 97030

Redmond, WA 98073-9730

TEL +1 (425) 881-1800

TOLL FREE +1 (800) 536-1800

PARTS & TECH SUPPORT +1 (800) 228-6444

FAX +1 (425) 883-3475

WEB www.genieindustries.com

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