

Super Quiet Generators


SUPER QUIET GENERATORS
T25

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	T25
Prime 3 phase power	20 kW
Prime 3 phase kVA	25 kVA
Available 3 phase voltage	208 / 220 / 240 / 440 / 480
Associated 3 phase amps (0.8 power factor)	69 / 66 / 60 / 33 / 30
Prime 1 phase power	16 kW
Prime 1 phase kVA	16 kVA
Available 1 phase voltage	120 / 240
Associated 1 phase amps (1.0 power factor)	134 / 67
Max amp rating (main breaker size)	70 A

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Specifications

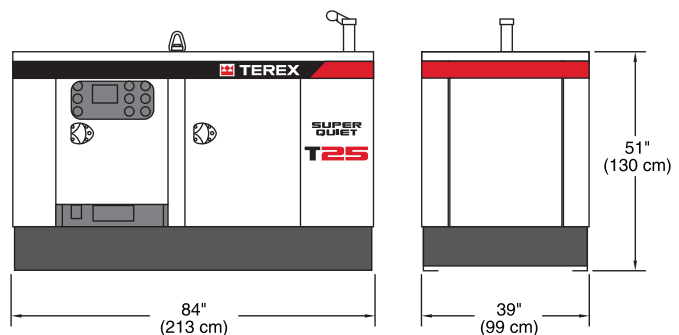
Engine	T25
Manufacturer	Isuzu
Model	4LE1PV02
Horsepower - prime (1,800 rpm)	31.4 hp (23.4 kWm)
Description	4 cylinder, 4-cycle, water cooled, OHV, in-line, direct injection
Bore & stroke	3.35 x 3.78 in (85 x 96 mm)
Piston displacement	134 in ³ (2.2 L)
Compression ratio	21.5 : 1
Exhaust system	critical 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>1.5 gal/hr (5.7 L/hr)</td> <td>42 hr</td> </tr> <tr> <td>3/4 load</td> <td>1.1 gal/hr (4.2 L/hr)</td> <td>58 hr</td> </tr> <tr> <td>Half load</td> <td>0.8 gal/hr (3.0 L/hr)</td> <td>80 hr</td> </tr> </table>	Full load	1.5 gal/hr (5.7 L/hr)	42 hr	3/4 load	1.1 gal/hr (4.2 L/hr)	58 hr	Half load	0.8 gal/hr (3.0 L/hr)	80 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	
Rating (0.8 power factor)	24 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 Hertz (1,800 RPM)

Packaging					
Enclosure	sound attenuated, weatherproof with lockable doors				
Sound levels	67 dBA at 23 ft (7 meters)				
Lifting system	roof mounted, single point				
Weight (no trailer)	<table border="0"> <tr> <td>empty</td> <td>1,900 lbs (862 kg)</td> </tr> <tr> <td>full</td> <td>2,354 lbs (1,068 kg)</td> </tr> </table>	empty	1,900 lbs (862 kg)	full	2,354 lbs (1,068 kg)
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full	2,354 lbs (1,068 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>2,375 lbs (1,077 kg)</td> </tr> <tr> <td>full</td> <td>2,829 lbs (1,283 kg)</td> </tr> </table>	empty	2,375 lbs (1,077 kg)	full	2,829 lbs (1,283 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)				



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

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