

Super Quiet Generators


SUPER QUIET GENERATORS
T70

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	54 kW / 68 kVA
Standby	59 kW / 74 kVA
System Power Output at Prime	
Available 3 phase voltage	208 / 220 / 240 / 440 / 480
Associated 3 phase amps (0.8 power factor)	188 / 177 / 163 / 89 / 81
1 phase power	42 kW
1 phase kVA	42 kVA
Available 1 phase voltage	120 / 240
Associated 1 phase amps (1.0 power factor)	350 / 175
Max amp rating (main breaker size)	225 A

Super Quiet Generator T70P

Specifications

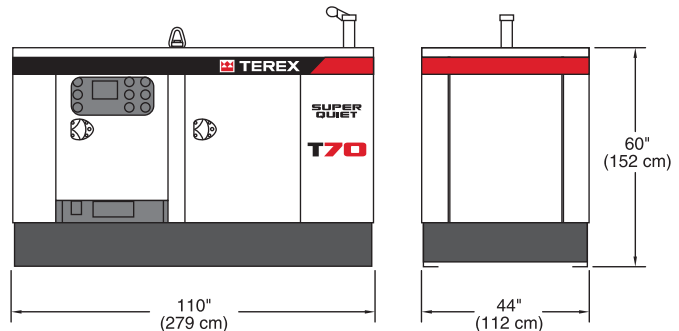
Engine	T70P
Manufacturer	Perkins
Model	1104C-44TG1
Horsepower - prime (1,800 rpm)	85 hp (64 kWm)
Description	4 cylinder, 4-cycle, water cooled, OHV, in-line, direct injection
Bore & stroke	4.13 x 5.00 in (105 mm x 127 mm)
Piston displacement	269 in ³ (4.41 L)
Compression ratio	18.2 : 1
Exhaust system	critical grade silencer
Monitoring gauges	oil pressure, water temperature, fuel level, battery voltage, hours
Coolant capacity - engine only	9.0 qts. (8.5 L)
Cooling system	liquid cooled - rated to 105° F ambient

Fuel System										
Specification	#2 diesel									
Filter	fuel / water separator									
Capacity	118 gal (447 L)									
Tank and containment	internal fuel tank with fluid spill containment									
Consumption and run time	<table border="0"> <tr> <td>Full load</td> <td>4.2 gal/hr (15.9 L/hr)</td> <td>28 hr</td> </tr> <tr> <td>3/4 load</td> <td>3.4 gal/hr (12.9 L/hr)</td> <td>34 hr</td> </tr> <tr> <td>Half load</td> <td>2.4 gal/hr (9.1 L/hr)</td> <td>49 hr</td> </tr> </table>	Full load	4.2 gal/hr (15.9 L/hr)	28 hr	3/4 load	3.4 gal/hr (12.9 L/hr)	34 hr	Half load	2.4 gal/hr (9.1 L/hr)	49 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	3 Each 50 Amp Tempower T/L
Primary Distribution	5 lug terminals with mainline circuit breaker

Generator	
Manufacturer	Newage
Rating (0.8 power factor)	60 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 m)				
Lifting system	roof mounted, single point				
Weight (no trailer)	<table border="0"> <tr> <td>empty</td> <td>4,157 lbs (1,886 kg)</td> </tr> <tr> <td>full</td> <td>4,995 lbs (2,266 kg)</td> </tr> </table>	empty	4,157 lbs (1,886 kg)	full	4,995 lbs (2,266 kg)
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full	4,995 lbs (2,266 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>4,980 lbs (2,259 kg)</td> </tr> <tr> <td>full</td> <td>5,806 lbs (2,634 kg)</td> </tr> </table>	empty	4,980 lbs (2,259 kg)	full	5,806 lbs (2,634 kg)
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Dimensions - L x W x H (with trailer)	177 x 72 x 77 in (450 x 183 x 196 cm)				



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



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