

**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 Power Output	
Model	T70P
Prime 3 phase power	54 kW
Prime 3 phase kVA	68 kVA
Available 3 phase voltage	208 / 220 / 240 / 440 / 480
Associated 3 phase amps (0.8 power factor)	189 / 177 / 164 / 118 / 82
Prime 1 phase power	42 kW
Prime 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

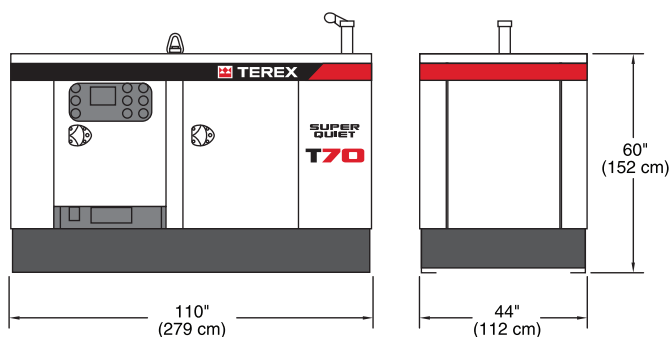
Engine		T70P
Manufacturer	Perkins	
Model	1104C-44TG1	
Horsepower - prime (1,800 rpm)	85 hp (64 kWm)	
Description	4 cylinder, 4-cycle, water cooled, OHV, in-line, direct injection	
Bore & stroke	4.13 x 5.00 in (105 mm x 127 mm)	
Piston displacement	269 in <sup>3</sup> (4.41 L)	
Compression ratio	18.2 : 1	
Exhaust system	critical grade silencer	
Monitoring gauges	oil pressure, water temperature, fuel level, battery voltage, hours	
Coolant capacity - engine only	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	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) 49hr

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	
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 meters)
Lifting system	roof mounted, single point
Weight (no trailer)	empty 4,157 lbs (1,886 kg) 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)	empty 4,980 lbs (2,259 kg) full 5,806 lbs (2,634 kg)
Dimensions - L x W x H (with trailer)	177 x 72 x 77 in (450 x 183 x 196 cm)



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