

## Super Quiet Generators



### Specifications

System Power Output	T70C	T70P
Prime 3 phase power	60 kW / 76 kVA	59 kW / 74 kVA
Standby 3 phase power	73 kW / 92 kVA	65 kW / 81 kVA
Available 3 phase voltage	208 / 220 / 240 / 440 / 480	208 / 220 / 240 / 440 / 480
Associated 3 phase amps (0.8 power factor)	211 / 199 / 183 / 100 / 91	205 / 194 / 178 / 97 / 89
Prime 1 phase power	42 kW / 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	

### Engine

Manufacturer, model	Cummins, QSB5-G1 NR3	Perkins, 1104D-E44TG1
Horsepower - Prime (1800 rpm)	91 hp (68 kWm)	78 hp (58 kWm)
Description	Tier III, 4 cyl., 4-cycle, water cooled, OHV, in-line, direct injection	
Aspiration	Turbocharged and Charge Air Cooled	Turbocharged
Bore & stroke	4.21 x 4.88 in (107 x 124 mm)	4.13 x 5.00 in (105 x 127 mm)
Piston displacement	275 in³ (4.5 L)	269 in³ (4.41 L)
Compression ratio	17.3 : 1	18.2 : 1
Exhaust system	Critical grade silencer	
Monitoring gauges	Oil pressure, water temperature, fuel level, battery voltage, hours	
Coolant capacity (engine only)	9.6 qts (9.0 L)	7.4 qts (7.0 L)
Cooling system	Liquid Cooled - Rated to 105° F Ambient	

SUPER QUIET GENERATORS  
**T70**

# Super Quiet Generator T70C/T70P

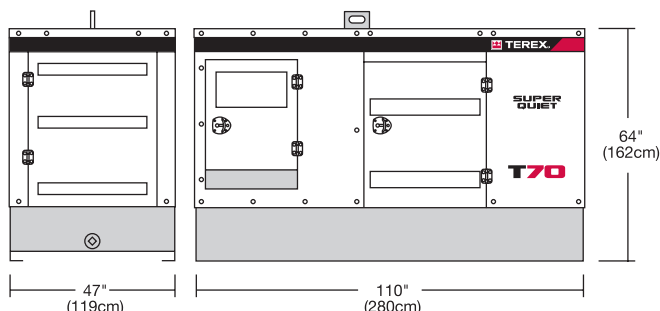
## Specifications

Fuel System		T70C	T70P
Fuel specification		#2 diesel	
Filter		Fuel/water separator	
Capacity		160 gal (606 L)	
Tank and containment		Internal fuel tank with 110% fluid spill containment	
Consumption and run time	- Full Load	5.6 gal/hr (21.0 L/hr) 28 hr	4.4 gal/hr (16.6 L/hr) 36 hr
	- ¾ Load	4.5 gal/hr (17.0 L/hr) 35 hr	3.4 gal/hr (12.8 L/hr) 47 hr
	- Half Load	3.0 gal/hr (11.0 L/hr) 53 hr	2.4 gal/hr (9.0 L/hr) 67 hr

System Controls and Distribution	
Electronic governor	Electronic (+/- 0.5%)
Protection (safety shutdowns)	Low oil pressure, high water temperature, overcrank, overspeed, underspeed
Generator gauges	Voltmeter, ammeter, Hz meter (dial-type on Perkins models)
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

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)	
- empty	5,390 lb (2,445 kg)
- full	6,782 lb (3,076 kg)
Dimensions - L x W x H (no trailer)	110 x 47 x 64 in (279 x 119 x 162 cm)
Weight (with trailer)	
- empty	6,887 lb (3,124 kg)
- full	8,279 lb (3,755 kg)
Dimensions - L x W x H (with trailer)	171 x 75 x 82 in (434 x 190 x 208 cm)

Generator	
Rating (0.8 power factor)	60 kW 3 phase @ 480/240V
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)



## Options and Accessories

Trailer Options	Power & Productivity Options	
Trailer hitch, 2 in ball	Battery disconnect switch	Lighted control panel
Trailer taillight connector, 4 pole flat	Trickle battery charger (with male receptacle in control panel)	Low coolant shutdown
Spare tire (mounts on A frame)	3.5A battery charger with monitoring	Load balance monitoring - phase selector switch
LED trailer lights	Block heater	External fuel connection (T70P only)
Trailer hitch, 2 5/16 in ball (12,000 lb rated)	Tank coolant heater with panel receptacle	1000 CCA Battery (T70P only)
Trailer leveling jacks (2, rear corner mounted)	Cam lock distribution panel, standard lug panel	Automatic air shutdown (T70P only)
Center-mounted jack		



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

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