

Super Quiet Generators
**SUPER QUIET GENERATORS
T180 & T240**

Specifications

System Power Output	T180	T240
Prime 3 phase power	145 kW / 181 kVA	190 kW / 237 kVA
Standby 3 phase power	168 kW / 210 kVA	220 kW / 275 kVA
Available 3 phase voltage	208 / 220 / 240 / 440 / 480	208 / 220 / 240 / 440 / 480
Associated 3 phase amps (0.8 power factor)	502 / 475 / 435 / 238 / 218	658 / 622 / 570 / 311 / 285
Prime 1 phase power	98 kW / 98 kVA	121 kW / 121 kVA
Available 1 phase voltage	120 / 240	
Associated 1 phase Amps (1.0 power factor)	816 / 408	1008 / 504
Max Amp rating (main breaker size)	600A	800A

Engine

Manufacturer, model	Cummins, GSB7-G3	Cummins, QSB7-G5
Horsepower - Prime (1800 rpm)	217 hp (162 kWm)	279 hp (208 kWm)
Description	Tier III, 6 cyl., 4-cycle, water cooled, OHV, in-line, direct injection	
Aspiration	Turbocharged and Charge Air Cooled	
Bore & stroke	4.21 x 4.88 in (107 x 124 mm)	
Piston displacement	409 in ³ (6.7 L)	
Compression ratio	17.3 : 1	
Exhaust system	Critical grade silencer	
Monitoring gauges	Oil pressure, water temperature, fuel level, battery voltage, hours	
Coolant capacity (engine only)	10.6 qts (10 L)	
Cooling system	Liquid Cooled - Air to AirCAC - Rated to 120° F Ambient	

Super Quiet Generator T180 & T240

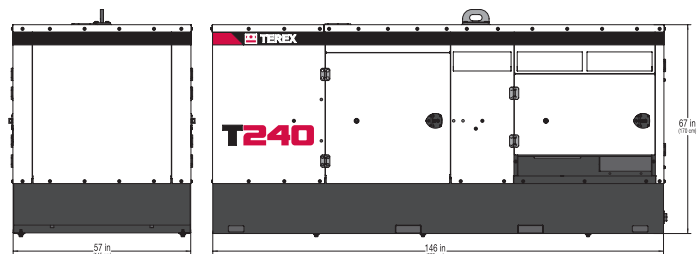
Specifications

Fuel System	T180	T240
Fuel specification	#2 diesel	
Filter	Fuel/water separator	
Capacity	255 gal (901 L)	
Tank and containment	Internal fuel tank with 110% fluid spill containment	
Consumption and run time	- Full Load	11.2 gal/hr (42 L/hr) 23 hr
	- ¾ Load	8.6 gal/hr (32 L/hr) 30 hr
	- Half Load	6.2 gal/hr (23 L/hr) 41 hr
		13.3 gal/hr (50.3 L/hr) 19 hr
		10.6 gal/hr (40.1 L/hr) 24 hr
		7.8 gal/hr (29.5 L/hr) 32 hr

System Controls and Distribution	
Governor	ECM Controlled
Protection (safety shutdowns)	Low oil pressure, high water temperature, overcrank, overspeed, underspeed
Generator gauges	Voltmeter, ammeter, 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

Packaging	
Enclosure	Sound attenuated, weatherproof with lockable doors
Sound levels	68 dBA at 23 ft (7 m)
Lifting system	Roof-mounted, single point
Weight (no trailer)	T180 T240
- empty	5,904 lb (2,678 kg) 6,345 lb (2,878 kg)
- full	7,587 lb (3,441 kg) 8,028 lb (3,641 kg)
Dimensions – L x W x H (no trailer)	146 x 57 x 67 in (370 x 145 x 170 cm)
Weight (with trailer)	T180 T240
- empty	7,615 lb (3,454 kg) 8,056 lb (3,564 kg)
- full	9,298 lb (4,217 kg) 9,739 lb (4,418 kg)
Dimensions – L x W x H (with trailer)	226 x 84.2 x 88.4 in (576 x 214 x 224 cm)

Generator	T180	T240
Rating (0.8 power factor)	165 kW 3 phase @ 480/240V	240 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%	



Options and Accessories

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

Note: All options that require external power such as battery chargers and block heaters include a "shore power" male receptacle mounted in the control panel.



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

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