

Super Quiet Generators

**SUPER QUIET GENERATORS
T180**
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	145 kW / 181 kVA
Standby	150 kW / 188 kVA
System Power Output at Prime	
Available 3 phase voltage	208 / 220 / 240 / 440 / 480
Associated 3 phase amps (0.8 power factor)	504 / 476 / 437 / 238 / 218
1 phase power	98 kW
1 phase kVA	98 kVA
Available 1 phase voltage	120 / 240
Associated 1 phase amps (1.0 power factor)	816 / 408
Max amp rating (main breaker size)	600 A

Super Quiet Generator T180

Specifications

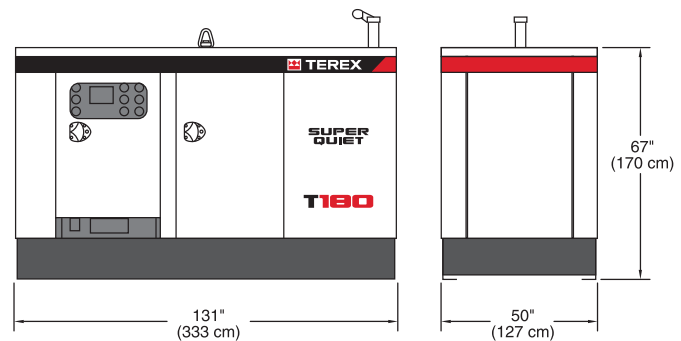
Engine	T180
Manufacturer	Cummins
Model	QSB7-G3
Horsepower - prime (1,800 rpm)	217 hp (162 kWm)
Description	6 cylinder, 4-cycle, water cooled, OHV, in-line, direct injection
Bore & stroke	4.21 x 4.88 in (107 x 124 mm)
Piston displacement	409 in ³ (6.7 L)
Compression ratio	17.3 : 1
Exhaust system	critical 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 air CAC - rated to 105° F ambient

Fuel System	
Specification	#2 diesel
Filter	fuel / water separator
Capacity	238 gal (901 L)
Tank and containment	internal fuel tank with fluid spill containment
Consumption and run time	Full load 11.3 gal/hr (42.8 L/hr) 21.1 hr 3/4 load 9.7 gal/hr (36.7 L/hr) 25 hr Half load 6.2 gal/hr (23.5 L/hr) 28.4 hr

System Controls and Distribution	
Engine governor	ECM controlled (+/- .25%)
Protection (safety shutdowns)	low oil pressure, high water temp., overcrank, overspeed, underspeed
Generator gauges	voltmeter, ammeter, Hertz 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)	165 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	68 dBA at 23 ft (7 m)
Lifting system	roof mounted, single point
Weight (no trailer)	empty 6,940 lbs (3,148 kg) full 8,606 lbs (3,904 kg)
Dimensions - L x W x H (no trailer)	131 x 50 x 67 in (333 x 127 x 170 cm)
Weight (with trailer)	empty 8,800 lbs (3,992 kg) full 10,466 lbs (4,747 kg)
Dimensions - L x W x H (with trailer)	184 x 68 x 82 in (467 x 173 x 208 cm)



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



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