

# **T180**

## **Super Quiet Generators**

SUPER QUIET GENERATORS



### 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	T180	
Prime 3 phase power	145 kW	
Prime 3 phase kVA	181 kVA	
Available 3 phase voltage	208 / 220 / 240 / 440 / 480	
Associated 3 phase amps (0.8 power factor)	503 / 476 / 436 / 238 / 218	
Prime 1 phase power	98 kW	
Prime 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	

#### **Specifications**

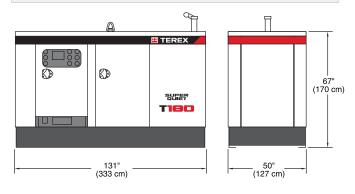
Engine	T180
Manufacturer	Cummins
Model	QSB7-G3
Horsepower - prime (1,800 rpm)	217 hp (162 kWm)
Description	6 cylinder, 4-cycle, water cooled, OHV, in-line, direct injection
Bore & stroke	4.21 x 4.88 in (107 x 124 mm)
Piston displacement	409 in <sup>3</sup> (6.7 L)
Compression ratio	17.3 : 1
Exhaust system	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 $\hfill liquid cooled$ - 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	
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 meters)
Lifting system		roof mounted, single point
Weight (no trailer)	empty full	6,940 lbs (3,148 kg) 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 full	8,800 lbs (3,992 kg) 10,466 lbs (4,747 kg)
Dimensions - L x W x H (wi	ith 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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#### Genie Industries, Inc.

A Terex company

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