

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 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

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Specifications

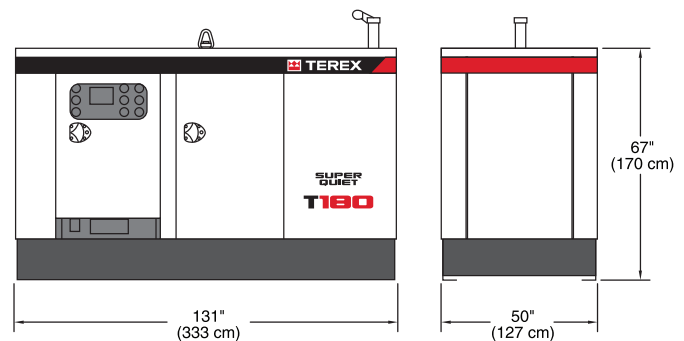
Engine		T180
Manufacturer	Cummins	
Model	QSB7-G3	
Horsepower - prime (1,800 rpm)	217 hp (162 kWm)	
Description	6 cylinder, 4-cycle, water cooled, OHV, in-line, direct injection	
Bore & stroke	4.21 x 4.88 in (107 x 124 mm)	
Piston displacement	409 in ³ (6.7 L)	
Compression ratio	17.3 : 1	
Exhaust system	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	<table border="0"> <tr> <td>Full load</td> <td>11.3 gal/hr (42.8 L/hr)</td> <td>21.1 hr</td> </tr> <tr> <td>3/4 load</td> <td>9.7 gal/hr (36.7 L/hr)</td> <td>25 hr</td> </tr> <tr> <td>Half load</td> <td>6.2 gal/hr (23.5 L/hr)</td> <td>28.4 hr</td> </tr> </table>	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
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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)	<table border="0"> <tr> <td>empty</td> <td>6,940 lbs (3,148 kg)</td> </tr> <tr> <td>full</td> <td>8,606 lbs (3,904 kg)</td> </tr> </table>	empty	6,940 lbs (3,148 kg)	full	8,606 lbs (3,904 kg)
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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)	<table border="0"> <tr> <td>empty</td> <td>8,800 lbs (3,992 kg)</td> </tr> <tr> <td>full</td> <td>10,466 lbs (4,747 kg)</td> </tr> </table>	empty	8,800 lbs (3,992 kg)	full	10,466 lbs (4,747 kg)
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Dimensions - L x W x H (with trailer)	184 x 68 x 82 in (467 x 173 x 208 cm)				



Genie Industries, Inc.

A Terex company

18340 NE 76th Street
PO Box 97030

Redmond, WA 98073-9730

TEL 425-881-1800

TOLL FREE 800-536-1800

PARTS & TECH SUPPORT 800-228-6444

FAX 425-883-8475

WEB www.genieindustries.com

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