

**Super Quiet Generators**
**SUPER QUIET GENERATORS  
T120**

**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	T120C
Prime 3 phase power	95 kW
Prime 3 phase kVA	119 kVA
Available 3 phase voltage	208 / 220 / 240 / 440 / 480
Associated 3 phase amps (0.8 power factor)	330 / 312 / 286 / 156 / 143
Prime 1 phase power	72 kW
Prime 1 phase kVA	72 kVA
Available 1 phase voltage	120 / 240
Associated 1 phase amps (1.0 power factor)	600 / 300
Max amp rating (main breaker size)	350 A

# Super Quiet Generator T120C

## Specifications

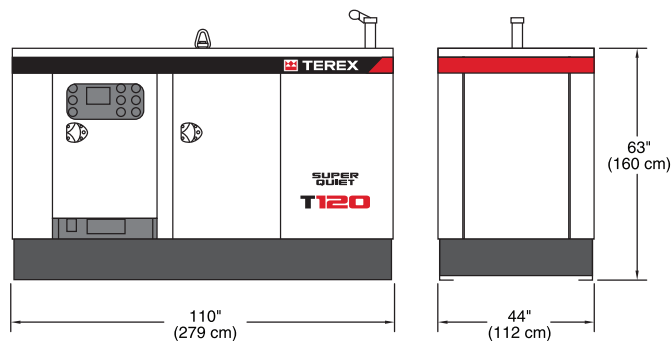
Engine	T120C
Manufacturer	Cummins
Model	6BTA5.9-G4
Horsepower - prime (1,800 rpm)	153 hp (114 kWm)
Description	6 cylinder, 4-cycle, water cooled, OHV, in-line, direct injection
Bore & stroke	4.02 x 4.72 in (102mm x 120mm)
Piston displacement	360 in <sup>3</sup> (5.9 L)
Compression ratio	16.5 : 1
Exhaust system	critical grade silencer
Monitoring gauges	oil pressure, water temperature, fuel level, battery voltage, hours
Coolant capacity - engine only	10.5 qts (9.9 L)
Cooling system	liquid cooled - rated to 105° F ambient

Fuel System										
Specification	#2 diesel									
Filter	fuel / water separator									
Capacity	196 gal (742 L)									
Tank and containment	internal fuel tank with fluid spill containment									
Consumption and run time	<table border="0"> <tr> <td>Full load</td> <td>8.2 gal/hr (31 L/hr)</td> <td>24 hr</td> </tr> <tr> <td>3/4 load</td> <td>6.3 gal/hr (23.8 L/hr)</td> <td>31 hr</td> </tr> <tr> <td>Half load</td> <td>4.5 gal/hr (17 L/hr)</td> <td>43.5 hr</td> </tr> </table>	Full load	8.2 gal/hr (31 L/hr)	24 hr	3/4 load	6.3 gal/hr (23.8 L/hr)	31 hr	Half load	4.5 gal/hr (17 L/hr)	43.5 hr
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System Controls and Distribution	
Engine governor	electronic (+/- .5%)
Protection (safety shutdowns)	low oil pressure, high water temp., 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

Generator	
Rating (0.8 power factor)	117 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>5,390 lbs (2,445 kg)</td> </tr> <tr> <td>full</td> <td>6,782 lbs (3,076 kg)</td> </tr> </table>	empty	5,390 lbs (2,445 kg)	full	6,782 lbs (3,076 kg)
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full	6,782 lbs (3,076 kg)				
Dimensions - L x W x H (no trailer)	110 x 44 x 63 in (279 x 112 x 160 cm)				
Weight (with trailer)	<table border="0"> <tr> <td>empty</td> <td>6,887 lbs (3,124 kg)</td> </tr> <tr> <td>full</td> <td>8,279 lbs (3,755 kg)</td> </tr> </table>	empty	6,887 lbs (3,124 kg)	full	8,279 lbs (3,755 kg)
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full	8,279 lbs (3,755 kg)				
Dimensions - L x W x H (with trailer)	177 x 75 x 80 in (450 x 191 x 203 cm)				



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