

Super Quiet Generators


SUPER QUIET GENERATORS
T270

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	214 kW / 267 kVA
Standby	230 kW / 288 kVA
System Power Output at Prime	
Available 3 phase voltage	208 / 220 / 240 / 440 / 480
Associated 3 phase amps (0.8 power factor)	743 / 703 / 644 / 351 / 322
1 phase power	130 kW
1 phase kVA	130 kVA
Available 1 phase voltage	120 / 240
Associated 1 phase amps (1.0 power factor)	1084 / 542
Max amp rating (main breaker size)	900 A

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Specifications

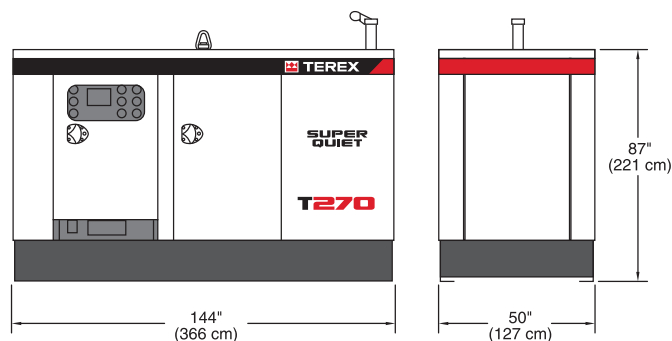
Engine		T270
Manufacturer	Cummins	
Model	QSL9-G2	
Horsepower - prime (1,800 rpm)	320 hp (239 kWm)	
Description	Tier III 6 cylinder, 4-cycle, water cooled, OHV, in-line, direct injection	
Bore & stroke	4.49 x 5.69 in (114 x 145 mm)	
Piston displacement	537 in ³ (8.8 L)	
Compression ratio	16.8 : 1	
Exhaust system	critical grade silencer	
Monitoring gauges	oil pressure, water temperature, fuel level, battery voltage, hours	
Coolant capacity - engine only	11.6 qts (11 L)	
Cooling system	liquid cooled - air to air CAC - rated to 105° F ambient	

Fuel System										
Specification	#2 diesel									
Filter	fuel / water separator									
Capacity	300 gal (1,136 L)									
Tank and containment	internal fuel tank with 110% fluid spill containment									
Consumption (run time)	<table border="0"> <tr> <td>Full load</td> <td>14 gal/hr (53 L/hr)</td> <td>16.5 hr</td> </tr> <tr> <td>3/4 load</td> <td>11.3 gal/hr (42.8 L/hr)</td> <td>22.7 hr</td> </tr> <tr> <td>Half load</td> <td>8 gal/hr (30.3 L/hr)</td> <td>33.5 hr</td> </tr> </table>	Full load	14 gal/hr (53 L/hr)	16.5 hr	3/4 load	11.3 gal/hr (42.8 L/hr)	22.7 hr	Half load	8 gal/hr (30.3 L/hr)	33.5 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, Hz meter
Receptacles, 120 V	2 Each 20 Amp GFCI Duplex
Receptacles, 240 V	2 Each 50 Amp Tempower T/L
Primary Distribution	5 lug terminals with mainline circuit breaker

Generator	
Manufacturer	Newage
Rating (0.8 power factor)	250 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 Hertz (1,800 rpm)

Packaging					
Enclosure	sound attenuated, weatherproof with lockable doors				
Sound levels	69 dBA at 23 ft (7 m)				
Lifting system	roof mounted, single point				
Weight (no trailer)	<table border="0"> <tr> <td>empty</td> <td>8,580 lbs (3,892 kg)</td> </tr> <tr> <td>full</td> <td>10,680 lbs (4,844 kg)</td> </tr> </table>	empty	8,580 lbs (3,892 kg)	full	10,680 lbs (4,844 kg)
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Dimensions - L x W x H (no trailer)	144 x 50 x 87 in (366 x 127 x 221 cm)				
Weight (with trailer)	<table border="0"> <tr> <td>empty</td> <td>10,460 lbs (4,745 kg)</td> </tr> <tr> <td>full</td> <td>12,560 lbs (5,697 kg)</td> </tr> </table>	empty	10,460 lbs (4,745 kg)	full	12,560 lbs (5,697 kg)
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Dimensions - L x W x H (with trailer)	206 x 84 x 106 in (523 x 213 x 269 cm)				



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



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