

Gen-Pac Generator

**GEN-PAC GENERATOR
T25G**
STANDARD FEATURES

- Cost-efficient solution for your power needs
- Large 30 gal (114 L) fuel tank provides run times of over 24 hours
- Heavy duty 4 cycle diesel engine
- Easy to read control panel

Specifications

System Power Output	
Model	T25G
Prime 3 phase power	20 kW
Prime 3 phase kVA	25 kVA
Available 3 phase voltage	208 / 220 / 240 / 440 / 480
Associated 3 phase amps (0.8 power factor)	69 / 66 / 60 / 33 / 30
Prime 1 phase power	16 kW
Prime 1 phase kVA	16 kVA
Available 1 phase voltage	120 / 240
Associated 1 phase amps (1.0 power factor)	134 / 67
Max amp rating (main breaker size)	70 A

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Specifications

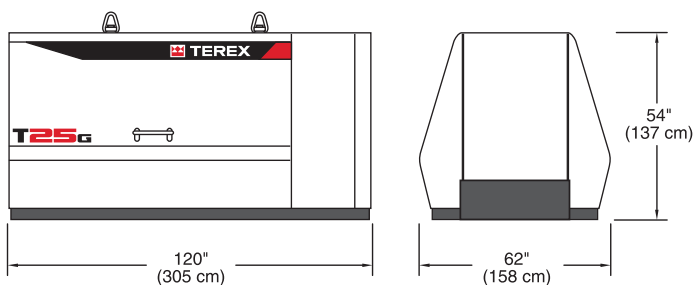
Engine	T25G
Manufacturer	Isuzu
Model	4LE1PV02
Horsepower - prime (1,800 rpm)	31.4 hp (23.4 kWm)
Description	4 cylinder, 4-cycle, water cooled, OHV, in-line, direct injection
Bore & stroke	3.35 x 3.78 in (85 x 96 mm)
Piston displacement	134 in ³ (2.2 L)
Compression ratio	21.5 : 1
Monitoring gauges	battery voltage, hours
Coolant capacity - engine only	3 qts (2.8 L)
Cooling system	liquid cooled - rated to 105° F ambient

Fuel System										
Specification	#2 diesel									
Filter	fuel / water separator									
Capacity	30 gal (114 L)									
Tank	polypropylene									
Consumption and run time	<table border="0"> <tr> <td>Full load</td> <td>1.5 gal/hr (5.7 L/hr)</td> <td>20 hr</td> </tr> <tr> <td>3/4 load</td> <td>1.1 gal/hr (4.2 L/hr)</td> <td>27 hr</td> </tr> <tr> <td>Half load</td> <td>0.8 gal/hr (3.0 L/hr)</td> <td>38 hr</td> </tr> </table>	Full load	1.5 gal/hr (5.7 L/hr)	20 hr	3/4 load	1.1 gal/hr (4.2 L/hr)	27 hr	Half load	0.8 gal/hr (3.0 L/hr)	38 hr
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System Controls and Distribution	
Engine governor	mechanical (+/- 2%)
Protection (safety shutdowns)	low oil pressure, high water temperature
Generator gauges	voltmeter, ammeter, dial type Hz meter
Receptacles, 120 V	2 Each 20 Amp GFCI Duplex
Receptacles, 240 V	2 Each 50 Amp Tempower T/L
Primary Distribution	4 lug terminals with mainline circuit breaker

Generator	
Rating (0.8 power factor)	24 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	lockable doors				
Lifting system	roof mounted, dual point				
Weight (with trailer)	<table border="0"> <tr> <td>empty</td> <td>1,654 lbs (752 kg)</td> </tr> <tr> <td>full</td> <td>1,871 lbs (850 kg)</td> </tr> </table>	empty	1,654 lbs (752 kg)	full	1,871 lbs (850 kg)
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full	1,871 lbs (850 kg)				
Dimensions - L x W x H	120 x 62 x 54 in (305 x 158 x 137 cm)				



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