

Super Quiet Generators
**SUPER QUIET GENERATORS
T45**

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	T45
Prime 3 phase power	36 kW
Prime 3 phase kVA	45 kVA
Available 3 phase voltage	208 / 220 / 240 / 440 / 480
Associated 3 phase amps (0.8 power factor)	125 / 118 / 108 / 59 / 54
Prime 1 phase power	28 kW
Prime 1 phase kVA	28 kVA
Available 1 phase voltage	120 / 240
Associated 1 phase amps (1.0 power factor)	232 / 116
Max amp rating (Main Breaker Size)	150 A

Super Quiet Generator T45

Specifications

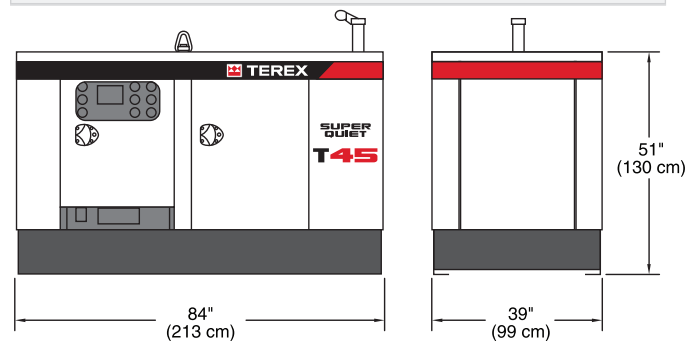
Engine		T45
Manufacturer	Isuzu	
Model	4JG1TPV	
Horsepower - prime (1,800 rpm)	58 hp (43.3 kWm)	
Description	4 cylinder, 4-cycle, water cooled, OHV, in-line, direct injection	
Bore & stroke	3.74 x 4.21 in. (95 mm x 107 mm)	
Piston displacement	189 in ³ (3.1 L)	
Compression ratio	18.6 : 1	
Exhaust system	critical grade silencer	
Monitoring gauges	oil pressure, water temperature, fuel level, 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	64 gal (242 L)	
Tank and containment	internal fuel tank with 110% fluid spill containment	
Consumption and run time	Full load	2.8 gal/hr (10.6 L/hr) 23 hr
	3/4 load	2.2 gal/hr (8.3 L/hr) 29 hr
	Half load	1.7 gal/hr (6.4 L/hr) 38 hr

System Controls and Distribution		
Engine governor	mechanical (+/- 2%)	
Protection (safety shutdowns)	low oil pressure, high water temp., overcrank, overspeed, underspeed	
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	5 lug terminals with mainline circuit breaker	

Generator	
Rating (0.8 power factor)	40 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	65 dBA at 23 ft (7 meters)	
Lifting system	roof mounted, single point	
Weight (no trailer)	empty	2,725 lbs (1,236 kg)
	full	3,173 lbs (1,439 kg)
Dimensions - L x W x H (no trailer)	84 x 39 x 51 in (213 x 99 x 130 cm)	
Weight (with trailer)	empty	3,200 lbs (1,452 kg)
	full	3,648 lbs (1,655 kg)
Dimensions - L x W x H (with trailer)	137 x 66 x 68 in (348 x 168 x 173 cm)	



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