



## Super Quiet Generators

MODEL		T25	T45	T50	T70P	T70C	T90	T120P
<b>POWER CAPABILITY - PRIME</b>								
kVA (kilovolt-amperes)		25	45	50	68	72	90	113
kW (kilowatts)		20	36	40	54	58	72	90
3 Phase Amp Ratings	208V	69	125	139	189	200	250	314
	240V	60	108	120	164	173	217	272
	480V	30	54	60	82	87	108	136
<b>POWER CAPABILITY - STANDBY</b>								
kVA (kilovolt-amperes)		30	50	54	75	79	100	125
kW (kilowatts)		24	40	43	60	63	80	100
3 Phase Amp Ratings	208V	83	139	150	208	219	278	347
	240V	72	120	130	180	190	241	301
	480V	36	60	65	90	95	120	150
Max Motor Starting*	Hp	12	18	18	39	39	58	77
	kW	9	13	13	29	29	43	57
SKVA		70	110	110	235	235	350	460
<b>DIESEL ENGINE DATA</b>								
Manufacturer		Isuzu	Isuzu	Perkins	Perkins	Cummins	Perkins	Perkins
Model		4LE2PV01	4JG1TPV	1104C-44G1	1104C-44TG	4BTA3.9-G5	1104C-44TAG1	1104C-44TAG2
Cylinders		4	4	4	4	4	4	4
Air Intake (aspiration)		Natural	Turbo	Natural	Turbo	Turbo	Turbo	Turbo
Cooling System		Std Rad	Std Rad	Std Rad	Std Rad	Std Rad	Rad w/ CAC	Rad w/ CAC
Fuel Capacity (gal)		64	64	80	118	118	118	196
Run Time (75% Load)		53	29	33	34	30	32	37
<b>SKID MOUNT</b>								
Dim (L x W x H - in)		84x39x51	84x39x51	88x40x53	110x44x60	110x44x60	110x44x60	110x44x63
Weight Dry (lbs)		1,900	2,725	3,069	4,157	4,157	5,200	5,200
Weight Full (lbs)		2,354	3,173	3,637	4,995	4,995	6,038	6,592
<b>TRAILER MOUNT</b>								
Dim (L x W x H)		137x66x68	137x66x68	129x68x73	177x72x77	177x72x77	177x75x80	177x75x80
Weight Dry (lbs)		2,375	3,200	4,185	4,980	5,357	6,697	6,697
Weight Full (lbs)		2,829	3,648	4,745	5,806	6,195	7,535	8,089
<b>MISCELLANEOUS</b>								
dBA @ 23 ft (7 m)		67	65	66	66	66	66	68
Controller Type		Analog	Analog	Analog	Analog	Analog	Analog	Analog

\*Maximum motor size is based on 35% voltage dip at 480 VAC 3 phase 60Hz with a code G motor.

# SUPER QUIET GENERATORS

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Specifications				
MODEL		T120C	T180	T270
<b>POWER CAPABILITY - PRIME</b>				
kVA (kilovolt-amperes)		119	181	267
kW (kilowatts)		95	145	214
3 Phase Amp Ratings	208V	330	502	741
	240V	286	435	642
	480V	143	218	321
<b>POWER CAPABILITY - STANDBY</b>				
kVA (kilovolt-amperes)		132	200	329
kW (kilowatts)		106	160	263
3 Phase Amp Ratings	208V	366	555	913
	240V	318	481	791
	480V	159	241	396
Max Motor Starting*	Hp	77	113	152
	kW	57	84	98
SKVA		460	680	850
<b>DIESEL ENGINE DATA</b>				
Manufacturer		Cummins	Cummins	Cummins
Model		6BTA5.9-G4	QSB7-G3	Q5L9-G2
Cylinders		6	6	6
Air Intake (aspiration)		Turbo	Turbo	Turbo
Cooling System		Std Rad	Rad w/ CAC	Rad w/ CAC
Fuel Capacity (gal)		196	238	300
Run Time (75% Load)		31	25	23
<b>SKID MOUNT</b>				
Dim (L x W x H - in)		110x44x63	131x50x67	144x50x87
Weight Dry (lbs)		5,390	7,850	8,580
Weight Full (lbs)		6,782	9,540	10,680
<b>TRAILER MOUNT</b>				
Dim (L x W x H)		177x75x80	184x68x82	206x84x106
Weight Dry (lbs)		6,887	9,290	10,460
Weight Full (lbs)		8,279	10,980	12,560
<b>MISCELLANEOUS</b>				
dBA @ 23 ft		68	68	68
Controller Type		Analog	Analog	Analog

\*Maximum motor size is based on 35% voltage dip at 480 VAC 3 phase 60Hz with a code G motor.

## General Features for All Terex Power Super Quiet Generators

### Super Quiet Operation

68 dBA or less - varies by model

### Generator Type

Brushless, 4 Pole, Synchronous, Single Bearing, 1800 rpm, Class H Insulation, PMG on models T70 and up

### Voltage Selector

High Wye, Low Wye, Zig Zag

### Voltage - 3 Phase

208, 220, 240, 416, 440, 480 (optional 600V)

### Voltage - 1 Phase

120, 127, 139, 240, 254, 277

### Convenience Receptacles

2 each 20 A GFCI duplex receptacles and 2 each 50 A Tempowers on all units, 1 additional Tempower on T50 and up

### Voltage Regulation

AVR and PMG ( $\pm 1\%$ ) T70 and up, AVR only ( $\pm 1.5\%$ ) T50 and down

### Speed Control (governor)

Electronic ( $\pm 0.5\%$ ) T50 and up, Mechanical Standard ( $5\%$ ) T45 and down

### Start/Stop Controller

Murphy Cascade Controller standard on all machines

### Available Trailers

T25 and T45 - no brakes or electric brakes, T50 to T270 - hydraulic surge brakes or electric brakes

### Trailer Hitch Options

Pintle Ring is standard, 2-5/16" Ball and 2" Ball available for extra charge



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