



Super Quiet Generators

MODEL		T25	T45	T50	T70P	T70C	T90	T120P
POWER CAPABILITY - PRIME								
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
POWER CAPABILITY - STANDBY								
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
DIESEL ENGINE DATA								
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
SKID MOUNT								
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
TRAILER MOUNT								
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
MISCELLANEOUS								
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

Super Quiet GENERATORS

Specifications				
MODEL		T120C	T180	T270
POWER CAPABILITY - PRIME				
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
POWER CAPABILITY - STANDBY				
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
DIESEL ENGINE DATA				
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
SKID MOUNT				
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
TRAILER MOUNT				
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
MISCELLANEOUS				
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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