

ENERMAX SERIES for the Construction Industry

TecnoGen
POWER GENERATORS



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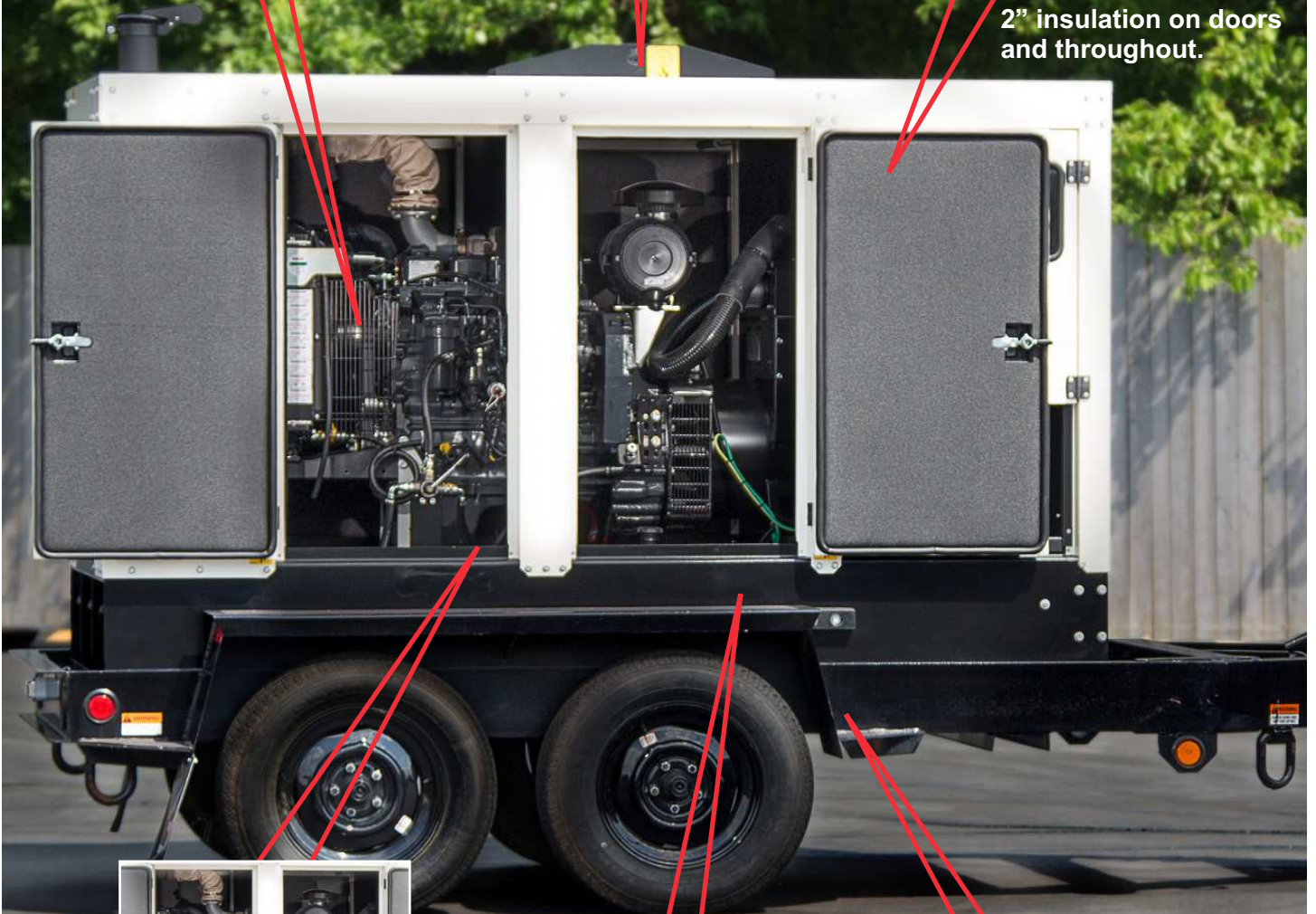
Each model is equipped with a market leader engine - Volvo, FPT, Kohler.



Heavy all steel construction & integrated lifting eye.



2" insulation on doors and throughout.



Easy access doors for maintenance.



Removable fuel cell.



Available in skid or trailer mount.

Enermax Series

TecnoGen's Enermax Series generator is built for reliability and is ideal for continuous heavy duty applications.

This series ranges in size from 25 to 1000 kVA and is equipped with market leading engines - Volvo, FPT, Kohler. Standard features include camlocks, block heater, battery charger and external fuel connect.



1. Courtesy outlets available in all phases at proper voltage
2. Sealed doors and 2" thick insulation throughout
3. Fork pockets
4. Available in skid or trailer mount



Control Panel

Control panel, with Deep Sea Controller (other brands available), laid out and labeled for easy use.



Fuel

Heavy duty skid fuel cells supply enough fuel and protection for the most demanding applications. Our goal is 24 hour run time per tank. External fuel hook-ups are standard allowing for quick connection to additional fuel cells if needed.



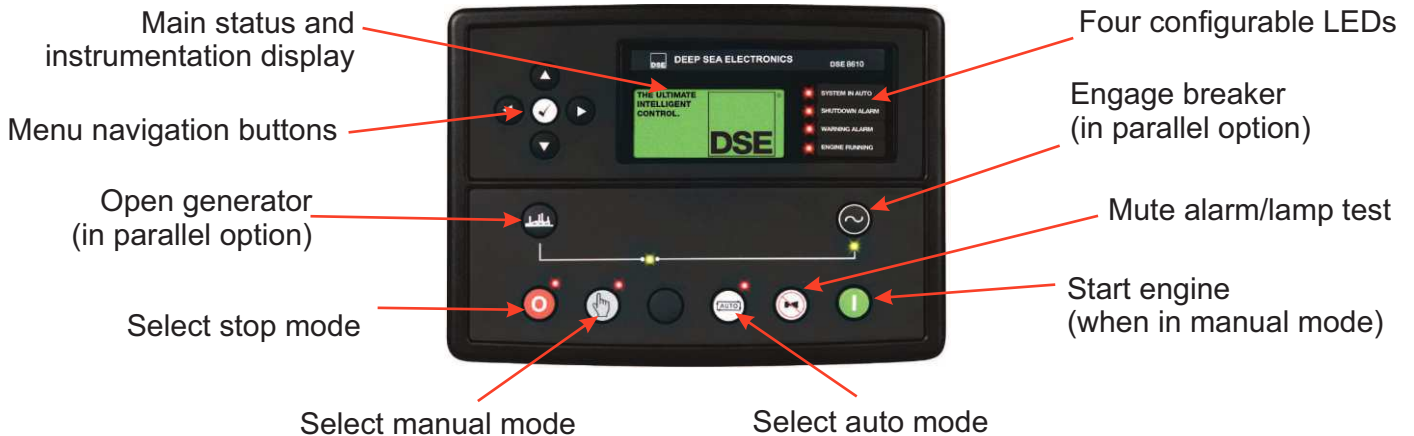
Courtesy Outlets

Full panel of courtesy outlets available in all phases with Hubbel outlets and covers.



Camlocks

Camlocks are standard on units up to 200 kVA in addition to the lugs for easy color coded hook ups when using distribution panels and boxes.





Enermax Series Specifications

MODEL	KL30TSX	KL50TSX	KL75TSX	FP130TSX	FP145TSX	FP170TSX	FP200TSX	FP225TSX	FP250TSX	FP275TSX	FP300TSX	FP330TSX	FP340TSX	FP370TSX	FP420TSX	VO630TSX	VO700TSX	VO1250TSX-40
SERIES	ENERMAX	ENERMAX	ENERMAX	ENERMAX	ENERMAX	ENERMAX	ENERMAX	ENERMAX	ENERMAX	ENERMAX	ENERMAX	ENERMAX	ENERMAX	ENERMAX	ENERMAX	ENERMAX	ENERMAX	ENERMAX
GENERATOR SPECS																		
PRIME (kW)	25	39	62	102	115	132	156	181	201	221	243	263	273	296	334	503	560	1000
STANDBY (kW)	27.5	43	66	112	126.5	146	172	200	220	245	270	290	300	326	370	552	617	1100
RPM	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800
VOLTAGE 1PH	240/120V	240/120V	240/120V	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
VOLTAGE 3PH	480/277V 208/120V	480/277V 208/120V	480/277V 208/120V	480/277V 208/120V	480/277V 208/120V	480/277V 208/120V	480/277V 208/120V	480/277V 208/120V	480/277V 208/120V	480/277V 208/120V	480/277V 208/120V	480/277V 208/120V	480/277V 208/120V	480/277V 208/120V	480/277V 208/120V	480/277V 208/120V	480/277V 208/120V	480/277V 208/120V
FREQUENCY (Hz)	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60
CONTROLLER BRAND	Deep Sea	Deep Sea	Deep Sea	Deep Sea	Deep Sea	Deep Sea	Deep Sea	Deep Sea	Deep Sea	Deep Sea	Deep Sea	Deep Sea	Deep Sea	Deep Sea	Deep Sea	Deep Sea	Deep Sea	Deep Sea
CONTROLLER MODEL	DSE7310	DSE7310	DSE7310	DSE7310	DSE7310	DSE7310	DSE7310	DSE7310	DSE7310	DSE7310	DSE7310	DSE7310	DSE7310	DSE7310	DSE7310	DSE7310	DSE7310	DSE8610
ALTERNATOR MAKE	Leroy Somer	Leroy Somer	Leroy Somer	Leroy Somer	Leroy Somer	Leroy Somer	Leroy Somer	Leroy Somer	Leroy Somer	Leroy Somer	Leroy Somer	Leroy Somer	Leroy Somer	Leroy Somer	Leroy Somer	Leroy Somer	Leroy Somer	Leroy Somer
ALTERNATOR MODEL	LSA 42.3V53	LSA 42.3M7	LSA 44.3S3	LSA 44.3M6	LSA 44.3M8	LSA 46.3S2	LSA 46.3S3	LSA46.3S4	LSA 46.3S5	LSA 46.3M7	LSA 46.3M8	LSA 46.3L10	LSA 46.3L11	LSA 47.2S4	LSA 47.2S4	LSA 47.2L9	LSA 49.3S4	LSA 47.2 L9
SYSTEM VOLTAGE	12V	12V	12V	12V	24V	24V	24V	24V	24V	24V	24V	24V	24V	24V	24V	24V	24V	24V
SOUND LEVEL @ 23 FEET	68	69	69	70	70	70	70	70	70	70	70	70	70	69	70	70	71	72
AMPS																		
SINGLE PHASE 120V zz (P.F. 0,8)	79 X 2 zz	125 X 2 zz	217 X 2 zz	316 x 2 zz	337,5 x 2 zz *	500 x 2 zz *	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
SINGLE PHASE 240V (P.F. 0,8)	79	125	217	316	337,5 *	500 *	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
THREE PHASE 208V (P.F. 0,8)	86	135	215	354	399	458	541	628	697	767	843	913	947	1027	1159	1745	1943	3470
THREE PHASE 240V (P.F. 0,8)	76	117	186	307	346	397	469	544	604	665	731	791	821	890	1004	1513	1684	3007
THREE PHASE 480V (P.F. 0,8)	38	59	93	153	173	198	235	272	302	332	365	395	410	445	502	756	842	1504
ENGINE SPECS																		
MAKE	Kohler	Kohler	Kohler	FPT	FPT	FPT	FPT	FPT	FPT	FPT	FPT	FPT	FPT	FPT	FPT	Volvo	Volvo	Volvo
MODEL	KDI1903TCR	KDI2504TCR	KDI3404TCR	NEF45	NEF67	NEF67	NEF67	NEF67	CURS0R9	CURS0R9	CURS0R9	CURS0R9	CURS0R13	CURS0R13	CURS0R13	TWD1672GE	TWD1673GE	TWD1672GE
EPA LEVEL	Tler 4F	Tler 4F	Tler 4F	Tler 4F F	Tler 4F	Tler 4F	Tler 4F	Tler 4F	Tler 4F	Tler 4F	Tler 4F	Tler 4F	Tler 4F	Tler 4F	Tler 4F	Tler 4F	Tler 4F	Tler 4F
No. Cylinders	3	4	4	4	6	6	6	6	6	6	6	6	6	6	6	6	6	6
Gross HP	49.6	63.1	100	169	194.5	224	261.5	299	349	378	414	443	473	510	570	784.5	891	1569
EXTERNAL FUEL VALVE	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
FUEL CONTAINMENT	110%	110%	110%	110%	110%	110%	110%	110%	110%	110%	110%	110%	110%	110%	110%	110%	110%	110%
FUEL CONSUMPTION																		
FUEL CAPACITY (Gallons)	47	49	92	80	231.5	231.5	231.5	231.5	283	283	283	283	283	283	283	465	465	1109
75%	1.24 gal/h	2.01 gal/h	3.28 gal/h	5.44 gal/h	6.10 gal/h	6.98 gal/h	7.92 gal/h	9.14 gal/h	10.05 gal/h	11.21 gal/h	12.36 gal/h	13.32 gal/h	13.90 gal/h	15.01 gal/h	17.29 gal/h	24.80 gal/h	27.54 gal/h	54.90 gal/h
RUN TIME @ 75%	37.90	24.38	28.05	14.71	37.95	33.17	29.23	25.33	28.16	25.25	22.90	21.25	20.36	18.85	16.37	18.75	16.88	20.20
DEF																		
DEF TANK CAPACITY (Gallons)	N/A	N/A	4.23	11	20	20	20	20	31	31	31	31	41	41	41	42	42	42+42= 84
WEIGHTS AND DIMENSIONS																		
SKID W/O TRAILER																		
Dry WEIGHT (lbs.)	2094	3025	3527	7054.8	7159.1	7247.3	7423.7	7533.9	8818.5	9259.4	9700.3	10141.3	11905.0	12345.9	12786.8	17152.0	17482.7	44974.3
Wet WEIGHT (lbs.)	2366	3421	4146	7710.0	8920.7	9008.9	9185.3	9295.5	10974.0	11414.9	11855.8	12296.7	14060.4	14501.4	14942.3	20761.6	21092.3	53436.5
LENGTH (in.)	77.5	91	100.4	116.2	153.5	153.5	153.5	153.5	189.0	189.0	189.0	189.0	189.0	189.0	189.0	189.0	189.0	480.0
WIDTH (in.)	39.4	46	46	43.3	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	76.4	76.4	76.4	76.4	76.4	96.0
HEIGHT (in.)	54	67.3	70	78.8	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	76.4	76.4	76.4	93.6	93.6	114.2



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