

**ENERMAX SERIES** for the Construction Industry

**TecnoGen**  
POWER GENERATORS



**25kW to 1000kW Generators**



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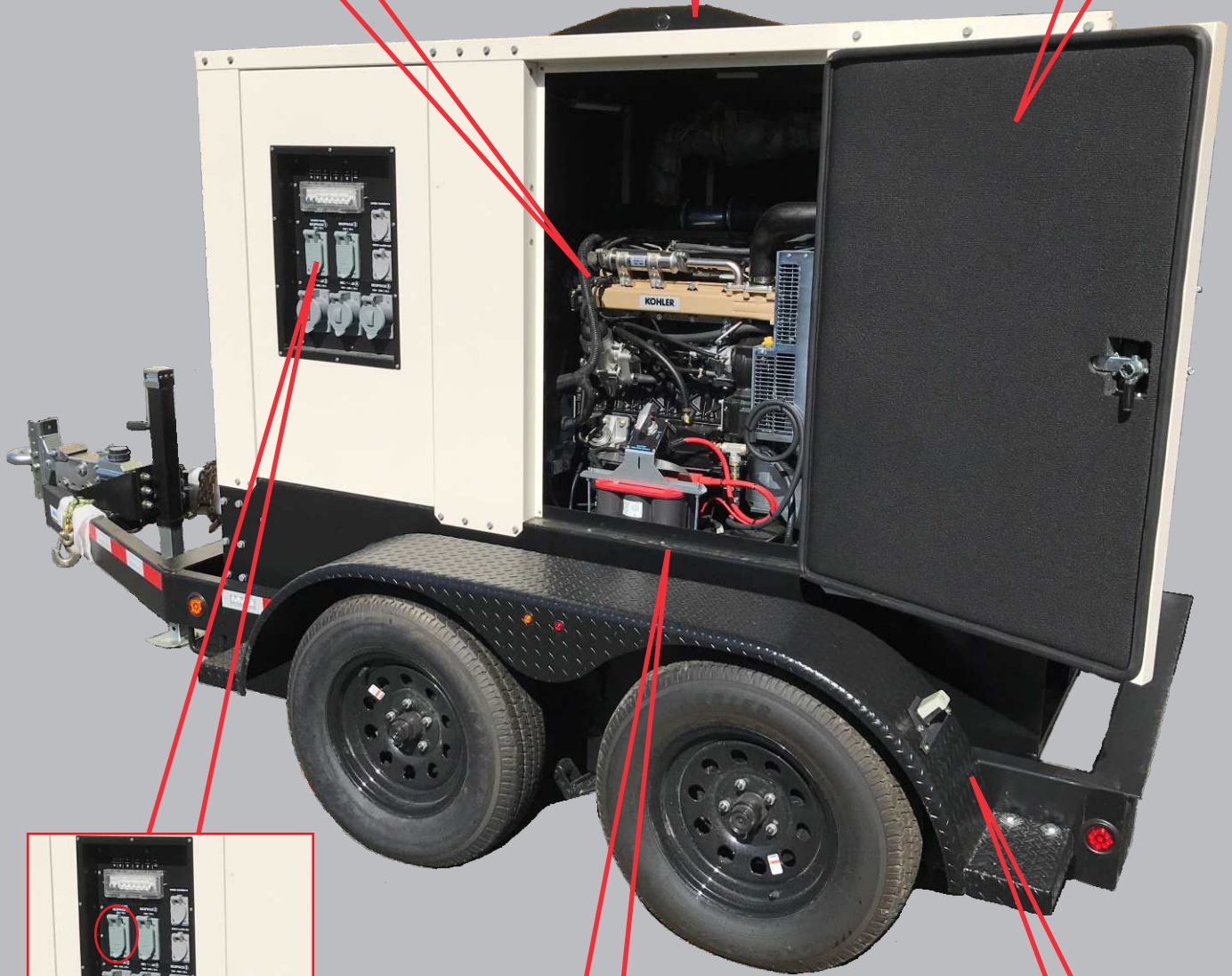
Heavy all steel construction  
& integrated lifting eye.



2" insulation on doors  
and throughout generator.



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



True 120V 20A outlet  
available in all phases.



Easy access for  
maintenance.



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 25kW to 1000kW and is equipped with market leading engines - Volvo, FPT, Kohler. Standard features include camlocks, block heater, battery charger and external fuel connect.

## Control Panel

Control panel, with Deep Sea Controller laid out and labeled for easy use.



## Camlocks

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



## Emergency Stop

An emergency stop switch is standard on every model for safety purposes.



## Fuel

Heavy duty skid fuel cells supply enough fuel and protection for the most demanding applications. External fuel hook-ups are standard allowing for quick connection to additional fuel if needed.

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POWER GENERATORS  
*Enermax Series Generators*



## Enermax Series Specifications

MODEL	KI30TSX	KI50TSX	KI80TSX	FP130TSX	FP145TSX	FP170TSX	FP220TSX	FP250TSX	FP330TSX	FP370TSX	FP420TSX	VO630TSX	VO700TSX	VO1250TV-TSX40
GENERATOR SPECS	ENERMAX	ENERMAX	ENERMAX	ENERMAX	ENERMAX	ENERMAX	ENERMAX	ENERMAX	ENERMAX	ENERMAX	ENERMAX	ENERMAX	ENERMAX	ENERMAX
<b>PRIME (kW)</b>	25	39	65	102	115	132	181	201	263	296	334	503	560	1000
<b>STANDBY (kW)</b>	27.5	43	72	112	126.5	146	200	220	290	326	370	552	617	1100
<b>RPM</b>	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800
<b>VOLTAGE 1PH</b>	240/120V	240/120V	240/120V	240/120V	240/120V	240/120V	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
<b>VOLTAGE 3PH</b>	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
<b>FREQUENCY (Hz)</b>	60	60	60	60	60	60	60	60	60	60	60	60	60	60
<b>CONTROLLER BRAND</b>	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
<b>CONTROLLER MODEL</b>	DSE7310	DSE7310	DSE7310	DSE7310	DSE7310	DSE7310	DSE7310	DSE8610	DSE8610	DSE8610	DSE8610	DSE8610	DSE8610	Parallel DSE8610 x 2
<b>ALTERNATOR MAKE</b>	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
<b>ALTERNATOR MODEL</b>	LSA 42.3VS3	LSA 42.3M7	LSA 44.3S3	LSA 44.3M6	LSA 44.3M8	LSA 46.3S2	LSA46.3S4	LSA 46.3S5	LSA 46.3L10	LSA 47.2S4	LSA 47.2S4	LSA 47.219	LSA 49.3S4	LSA 47.2.19 x 2
<b>SYSTEM VOLTAGE</b>	12V	12V	12V	12V	24V	24V	24V	24V	24V	24V	24V	24V	24V	24V
<b>SOUND LEVEL @ 23 FEET</b>	68	69	69	70	70	70	70	70	70	70	70	70	71	72
<b>AMPS</b>														
<b>SINGLE PHASE 120V z/z (P.F. 0.8)</b>	79 X 2 z/z	125 X 2 z/z	217 X 2 z/z	316 x 2 z/z	337.5 x 2 z/z *	500 x 2 z/z *	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
<b>SINGLE PHASE 240V (P.F. 0.8)</b>	79	125	217	316	337.5 *	500 *	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
<b>THREE PHASE 208V (P.F. 0.8)</b>	86	135	226	354	399	458	628	697	913	1027	1159	1745	1943	3470
<b>THREE PHASE 240V (P.F. 0.8)</b>	76	117	195	307	346	397	544	604	791	890	1004	1513	1684	3007
<b>THREE PHASE 480V (P.F. 0.8)</b>	38	59	98	153	173	198	272	302	395	445	502	756	842	1504
<b>ENGINE SPECS</b>														
<b>MAKE</b>	Kohler	Kohler	Kohler	FPT	FPT	FPT	FPT	FPT	FPT	FPT	FPT	Valvo	Valvo	Valvo
<b>MODEL</b>	KD119031CR	KD125041CR	KD134041CR	NEF45	NEF67	NEF67	NEF67	CURSOR9	CURSOR9	CURSOR13	CURSOR13	TWDD167ZGE	TWDD1673GE	TWDD167ZGE x 2
<b>EPA LEVEL</b>	Tier 4F	Tier 4F	Tier 4F	Tier 4F F	Tier 4F	Tier 4F	Tier 4F	Tier 4F	Tier 4F	Tier 4F	Tier 4F	Tier 4F	Tier 4F	Tier 4F
<b>No. Cylinders</b>	3	4	4	4	6	6	6	6	6	6	6	6	6	6
<b>Gross HP</b>	49.6	63.1	100	169	194.5	224	299	349	443	510	570	784.5	891	785 + 785 = 1570
<b>EXTERNAL FUEL VALVE</b>	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
<b>FUEL CONTAINMENT</b>	110%	110%	110%	110%	110%	110%	110%	110%	110%	110%	110%	110%	110%	110%
<b>FUEL CONSUMPTION</b>														
<b>FUEL CAPACITY (Gallons)</b>	47	49	92	130	232	232	232	283	283	283	283	465	465	1109
<b>75%</b>	1.24 gal/h	2.01 gal/h	3.28 gal/h	5.44 gal/h	6.10 gal/h	6.98 gal/h	9.14 gal/h	10.05 gal/h	13.32 gal/h	15.01 gal/h	17.29 gal/h	24.80 gal/h	27.54 gal/h	54.90 gal/h
<b>RUN TIME @ 75%</b>	38	24	28	24	38	33	25	28	21	19	16	19	17	20.20
<b>DEF:</b>	N/A	N/A	4.23	11	20	20	20	31	31	41	41	42	42	42+42=84
<b>WEIGHTS AND DIMENSIONS</b>														
<b>SKID W/O TRAILER</b>														
<b>Dry Weight (lbs.)</b>	2120	3025	3950	4894	6800	6967	7187	9479	10008	12346	12787	17152	17483	44974
<b>Wet Weight (lbs.)</b>	2454	3373	4631	5895	8447	8614	8976	11995	12522	14646	15087	20752	21083	53444
<b>LENGTH (in.)</b>	78	91	100	116	154	154	154	189	189	165	165	189	189	480
<b>WIDTH (in.)</b>	39	46	46	43	48	48	48	48	48	76	76	76	76	96
<b>HEIGHT (in.)</b>	54	67	70	79	88	88	88	88	88	94	94	94	94	114

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