

TM Series



OUTPUT POWER OPTIONS								PRIME	
Genset	Voltage	Alternator	Model	Phase	Regulator	Regulation	Hertz	kW/kVA	Amps
TM50	277/480	Leroy Somer	LSA42.3M7	3	D350	±0.25%	60	39/49	59
	120/208		LSA42.3M7	3	D350	±0.25%	60	39/49	135
	120/240		LSA42.3M7	3	D350	±0.25%	60	39/49	117
	120/240		LSA42.3M7	1	D350	±0.25%	60	30/30	125

TM80	277/480	Leroy Somer	LSA 44.3S3	3	D350	±0.25%	60	65/81	98
	120/208		LSA 44.3S3	3	D350	±0.25%	60	65/81	226
	120/240		LSA 44.3S3	3	D350	±0.25%	60	65/81	196
	120/240		LSA 44.3S3	1	D350	±0.25%	60	52/52	217

TM130	277/480	Leroy Somer	LSA44.3M6	3	D350	±0.25%	60	102/128	154
	120/208		LSA44.3M6	3	D350	±0.25%	60	102/128	354
	120/240		LSA44.3M6	3	D350	±0.25%	60	102/128	307
	120/240		LSA44.3M6	1	D350	±0.25%	60	76/76	317

Engine Data	TM50	TM80	TM130
Manufacturer	Kohler	Kohler	FPT
Model	KDI2504TCR	KDI3404TCR	NEF45
EPA Tier	4 Final	4 Final	4 Final
Aspiration	Turbocharged	Turbocharged	Turbocharged
Arrangement	Inline 4 Cylinder	Inline 4 Cylinder	Inline 4 Cylinder
Displacement: L (in. ³)	2.482 (151.46)	3.36 (204.98)	4.5 (274.61)
Gross Horsepower	63.1	100	169
Rated RPM	1800	1800	1800
Block Heater Wattage	500	500	750

Dimensions & Weight

Length: in.	160	170	170
Width: in.	74	74	74
Height: in.	75	94	98
Wet Weight: lbs	4573	6111	7217

Fuel System	TM50	TM80	TM130
Fuel Type	Ultra-Low Sulfur Diesel		
Fuel Capacity: gal	71	79	130
Containment:	110%	110%	110%
Consumption @ 75% Load: gal/hr	2.17	3.28	5.44
Consumption @ 100% Load: gal/hr	2.89	5.14	7.25

DEF

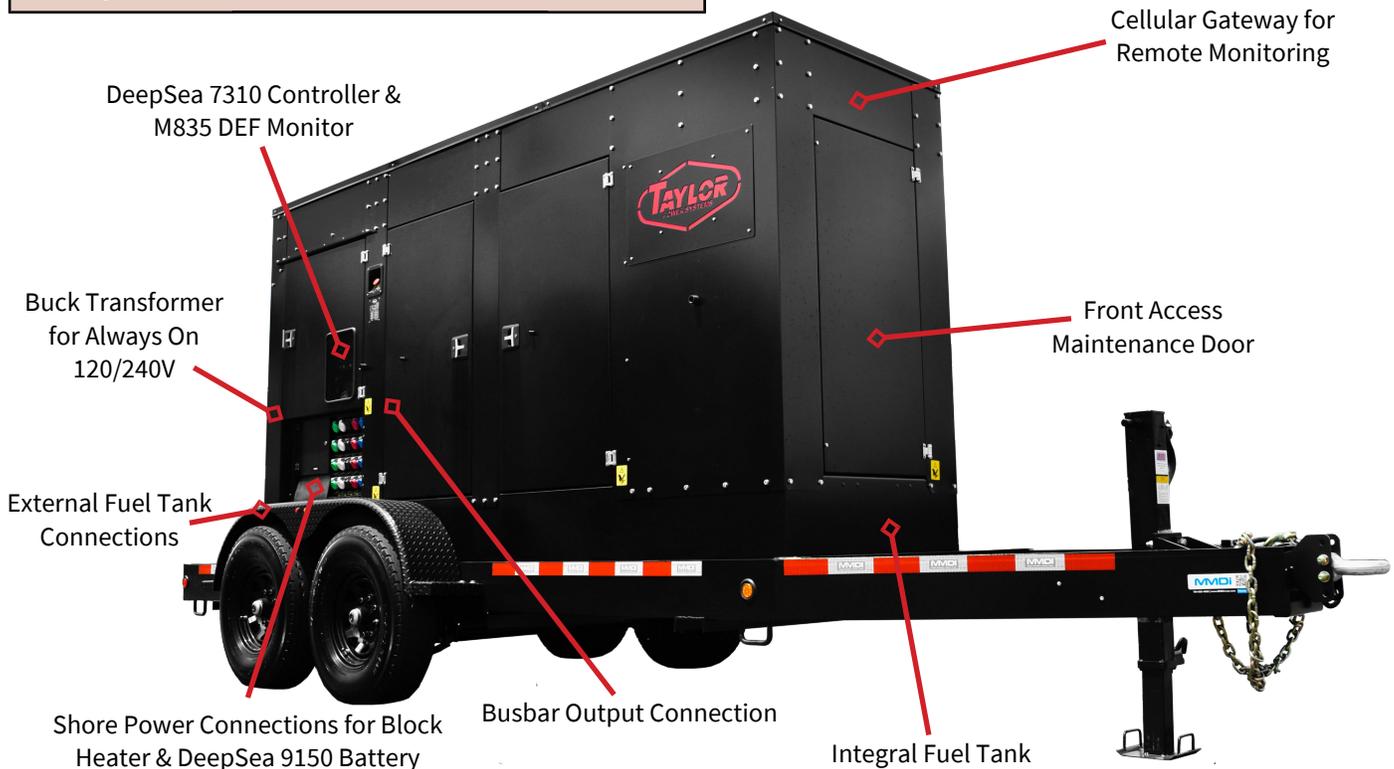
DEF Capacity: gal	N/A	4.23	11
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Sound Level

23 Feet: dBA	69	69	70
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Output Connections

20A 120V Receptacles	2	2	2
50A 120-240V Receptacles	3	3	3
Cam-Lok Sets	1	1	1



General Guidelines for Deration: Altitude: Derate 0.5% per 100m (328 ft.) Elevation above 1000m (3279 ft.) Temperature: Derate 1.0% per 10°C (18°F) temperature above 25°C (77°F)

Ratings: All three-phase units are rated at 0.8 power factor. All single-phase units are rated at 1.0 power factor.

Prime Ratings: Prime ratings apply to installations where utility power is unavailable or unreliable. At varying load the number of generator set operating hours is unlimited. A 10% overload capacity is available for one hour in twelve. Ratings are in accordance with ISO-8528/1, overload power in accordance with ISO-3046/1, BS5514, AS2789, and DIN 6271. For limited running time and base load ratings consult the factory. The generator set manufacturer reserves the right to change the design or specifications without notice and without any obligation or liability whatsoever.