

TM Series



OUTPUT POWER OPTIONS								PRIME	
Genset	Voltage	Alternator	Model	Phase	Regulator	Regulation	Hertz	kW/kVA	Amps
TM704	277/480	Leroy Somer	LSA 49.3S4	3	D350	±0.25%	60	560/700	843
	120/208		LSA 49.3S4	3	D350	±0.25%	60	560/700	1945

Engine Data

TM704

Manufacturer	Volvo
Model	TWD1683GE
EPA Tier	4 Final
Aspiration	Turbocharged
Arrangement	Inline 6 Cylinder
Displacement: L (in. ³)	16.12 (983.70)
Gross Horsepower	891
Rated RPM	1800
Block Heater Wattage	1000

Dimensions & Weight

Length: in.	261
Width: in.	100
Height: in.	115
Wet Weight: lbs	23739

Fuel System

TM704

Fuel Type	Ultra-Low Sulfur Diesel
Fuel Capacity: gal	465
Containment:	110%
Consumption @ 75% Load: gal/hr	28.33
Consumption @ 100% Load: gal/hr	37.59

DEF

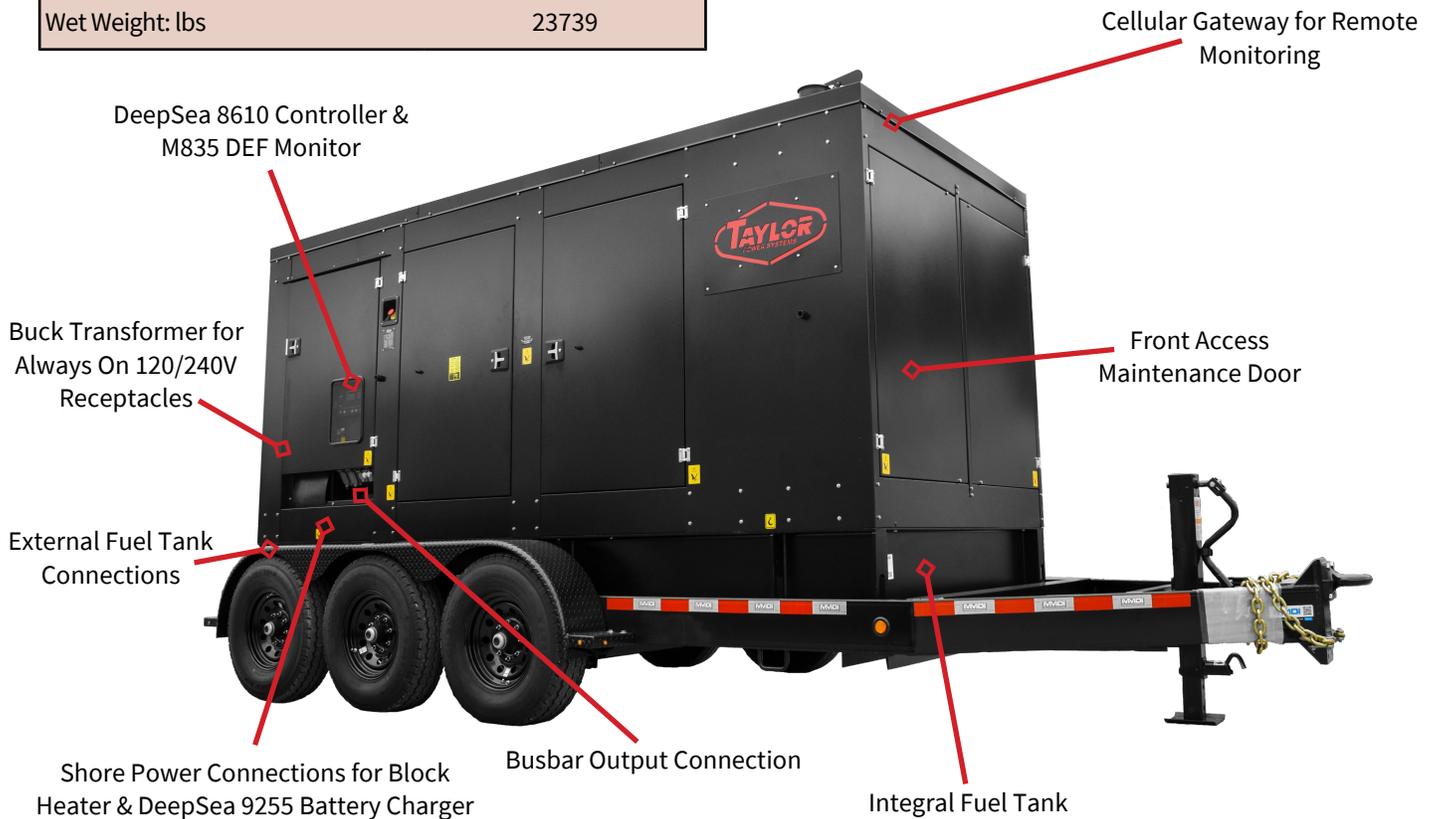
DEF Capacity: gal	42
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Sound Level

23 Feet: dBA	71
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Output Connections

20A 120V Receptacles	1
Cam-Lok Sets	5



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.