



# RENTAL GENERATORS

WE BRING **BIG POWER.**

Stewart & Stevenson offers four engine-driven generator systems—Taylor Power, MTU, Atlas Copco, and Stewart & Stevenson custom. Choose from single or parallel, skid-mounted or trailer-mounted, sound attenuated generators ranging from 100–2000 kW. Our units are industrial grade and can be utilized for standby and/or prime power applications, including new construction, municipal, disaster relief and hospital applications.

## RENTAL GENERATOR FEATURES

- Power range: 100-2000 kW
- Meet or exceed all EPA and CARB emission standards
- Double-walled fuel tank with 8-24 hour on-board fuel capacity (see specifications)
- Single-point lifting capability
- 3-way fuel valve to easily connect external fuel source for extended run
- Lockable external fuel fill source
- Customer-convenient cable connections
- Oil-field duty skids or trailer mounted
- Environmental fuel spill containment
- Double-walled remote fuel cells
- 60 Hz operation capability, single- or three-phased voltages
- Hi/Lo voltage switchover or simultaneous dual voltage
- Oversized alternator for superior motor starting capability
- Overspeed protection
- Remote operation and monitoring
- Customer-convenient electrical outlet



## GENERATOR EQUIPMENT SPECIFICATIONS

USEFUL ELECTRICAL FORMULAS		
To Obtain	Single Phase	Three Phase
Kilowatts	$\frac{V \times L \times PF}{1000}$	$\frac{1.732 \times V \times L \times PF}{1000}$
kV-A	$\frac{V \times L}{1000}$	$\frac{1.732 \times V \times L}{1000}$
Horsepower required when generator kW unknown (if generator efficiency is unknown, use 0.93)	$\frac{kW}{0.746 \times \text{Efficiency (Generator)}}$	$\frac{kW}{0.746 \times \text{Efficiency (Generator)}}$
kW input when motor hp known (if motor efficiency is unknown, use 0.85 x hp)	$\frac{HP \times 0.746}{\text{Efficiency (Motor)}}$	$\frac{HP \times 0.746}{\text{Efficiency (Motor)}}$
Amperes when motor hp is known	$\frac{HP \times 0.746}{V \times PF \times \text{Efficiency}}$	$\frac{HP \times 0.746}{1.732 \times V \times PF \times \text{Efficiency}}$
Amperes when kW is known	$\frac{kW \times 1000}{V \times PF}$	$\frac{kW \times 1000}{1.732 \times V \times PF}$
Amperes when kV-A is known	$\frac{kV-A \times 1000}{V}$	$\frac{kV-A \times 1000}{1.732 \times V}$

EQUIPMENT SPECIFICATIONS								
Generator (kW)	Wet Weight (lb)		Dimensions (ft in)			Fuel		
	With 8-hr tank	With 24-hr tank	L	W	H	Avg. Consump. @ full load (gph)	Tank Cap. for 8-hr (gal)	Tank Cap. for 24-hr (gal)
60 Hz @1800 rpm								
100	-	7185	16'	7'	8'	7.2	-	169
120	-	7200	16'	7'	8'	8.5	-	214
144	-	7211	19'	7'	9'	10.6	-	300
176	-	8500	19'	7'	9'	12.6	-	320
200	-	11001	14'	6'	7'	15	-	400
240	-	14000	20'	8'	9'	16.7	-	490
263	16915	-	19'	8'	9'	17.8	283	-
320	-	16800	21'	7'	10'	20.6	-	500
334	19293	-	21'	7'	10'	23.5	283	-
480	-	42000	32'	8'	12'	33.8	-	1000
550	-	29980	20'	8'	12'	40	-	1000
560	23739	-	21'	8'	9'	36.72	465	-
640	-	48000	30'	8'	12'	43	-	1200
700	52500	-	40'	8'	12'	56	500	-
750	52500	-	40'	8'	12'	56	500	-
800	44500	-	30'	8'	13'	49	1000	-
900	45200	-	40'	8'	13'	69	1000	-
1000	53444	-	40'	8'	13'	55	1109	-
1350	75000	-	40'	8'	13'	85	1000	-
1500	53220	-	40'	8'	13'	87	1200	-
2000	85260	-	40'	8'	13'	124	1600	-

\* Noted units above do include trailer. As technology advances, the above specifications may change to better serve our customers. Dimensions do not include trailer.



**ANYTIME. ANYWHERE. DAY OR NIGHT**

**CONTACT US TODAY**

**866-782-8660**

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