



Portable Generators 100-2000 kW



Our generators are ideal for standby or prime power applications, including new construction, municipal, disaster relief, and hospital applications.

- Single or parallel, skid-mounted or trailer-mounted, sound attenuated
- 50 Hz or 60 Hz operation capability, single-phase or three-phase voltages
- Double-walled fuel tank with 24-hour onboard fuel capacity, 1000 kW and below
- 3-way fuel valve to easily connect external fuel source for extended run on select units
- Customer convenient cable connections
- Hi/Lo voltage switchover on select units below 1000 kW
- Auto start available on all units

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

EQUIPMENT SPECIFICATIONS									
Generator	Wet Weight (lb)		Dimensions			Fuel			
60 Hz @ 1800 rpm (kW)	8-hr Tank	24-hr Tank	L	W	H	Avg. @ Full Load (GPH)	Tank Cap. for		
							8-hr (GAL)	24-hr (GAL)	
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.



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