

# Generators - Portable



Cat/Class .....215-3411  
 Make .....**MQ**  
 Model .....**GA25H**  
 Prime KW .....2.5  
 Width .....19.6"  
 Length .....16.1"  
 Height .....18.25"  
 Weight .....114 lbs  
 Fuel Capacity .....3.6 gal  
 Amps (120 V) .....20.8  
 Continuous .....18.3  
 Fuel Type .....Gasoline  
 GPH (@ rated cap) . . .45



Cat/Class .....215-3411  
 Make .....**KUBOTA**  
 Model .....**AV2500**  
 Prime KW .....2.5  
 Width .....17.3"  
 Length .....21.3"  
 Height .....19.7"  
 Weight .....99 lbs  
 Fuel Capacity .....3.7 gal  
 Amps (120 V) .....18.3  
 Continuous .....18.3  
 Fuel Type .....Gasoline



Cat/Class .....215-3411  
 Make .....**WACKER**  
 Model .....**G 2.5A**  
 Horsepower (max) .....5.5  
 Power KW (max) .....4.1  
 Width .....17.5"  
 Length .....27"  
 Height .....17"  
 Weight .....94 lbs (dry)  
 Fuel Capacity .....0.975 gal  
 AC Voltage .....120 V  
 Amps (AC Circuit Breaker) . . .20  
 Continuous AC amps . . .18.8 A  
 Starting System .....Recoil  
 Fuel Type .....Gasoline  
 GPH (@ rated cap) . . .0.45

Cat/Class .....215-3412  
 Make .....**WACKER**  
 Model .....**G 3.7A**  
 Horsepower (max) .....8  
 Power KW (max) .....6.0  
 Width .....23"  
 Length .....27"  
 Height .....21"  
 Weight .....150 lbs (dry)  
 Fuel Capacity .....5.2 gal  
 AC Voltage .....120/240 V  
 Amps (AC Circuit Breaker) . . .16-2 pole  
 Continuous AC amps . . .27.6/13.8  
 Starting System .....Recoil  
 Fuel Type .....Gasoline  
 GPH (@ rated cap) . . .0.65

Cat/Class .....215-3415  
 Make .....**WACKER**  
 Model .....**G 5.6A**  
 Horsepower (max) .....11  
 Power KW (max) .....8.2  
 Width .....23"  
 Length .....27"  
 Height .....21"  
 Weight .....168 lbs (dry)  
 Fuel Capacity .....5.2 gal  
 AC Voltage .....120/240 V  
 Amps (AC Circuit Breaker) . . .24-2 pole  
 Continuous AC amps . . .44.6/22.3  
 Starting System .....Recoil  
 Fuel Type .....Gasoline  
 GPH (@ rated cap) . . .0.86

For your convenience, see pages 47 & 48 for KVA/KW Amperage Chart and page 49 for Generator Sizing Chart.

## Useful Electrical Formulas

To Obtain	Single Phase	Three Phase
Kilowatts	$\frac{V \times A}{1,000}$	$\frac{1.732 \times V \times A \times PF}{1,000}$
KV-A	$\frac{V \times I}{1,000}$	$\frac{1.732 \times V \times I}{1,000}$
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 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 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 known	$\frac{KW \times 1,000}{V \times PF}$	$\frac{KW \times 1,000}{1.732 \times V \times PF}$
Amperes when KV-A known	$\frac{KV-A \times 1,000}{V}$	$\frac{KV-A \times 10,000}{1.732 \times V}$

Alternating Current (AC) -An electric current that rapidly reverses its direction at regularly recurring intervals - approximately 100 times per second. Travels long distances with little loss. The purpose of a generator is to deliver AC electricity from an alternative source

PF (Power factor) - Ratio of the actual (real power) to the apparent power. Power Factor = Actual power (WATTS)/Apparent power (VA) or KW/KVA

# Generators - Portable



Cat/Class .....215-3412  
 Make .....**MQ**  
 Model .....**GA3.6 HZ**  
 Prime KW .....3.6  
 Width .....25.1"  
 Length .....19.6"  
 Height .....18.8"  
 Weight .....165 lbs  
 Fuel Capacity .....5.0 gal  
 Amps (120 V) .....30  
     Continuous .....26.6  
 Amps (240 V) .....15  
     Continuous .....13.3  
 Fuel Type .....Gasoline  
 GPH (@ rated cap) ... 0.45



Cat/Class .....215-3412  
 Make .....**KUBOTA**  
 Model .....**AV3800**  
 Prime KW .....3.8  
 Width .....17"  
 Length .....23"  
 Height .....21"  
 Weight .....148 lbs  
 Fuel Capacity ....4.7 gal  
 Amps (120 V) ....31.6  
     Continuous .....27.5  
 Amps (240 V) ....15.8  
     Continuous .....13.8  
 Fuel Type .....Gasoline



Cat/Class .....215-3419  
 Make .....**KUBOTA**  
 Model .....**AV4500**  
 Prime KW .....4.5  
 Width .....17.3"  
 Length .....23.4"  
 Height .....21.8"  
 Weight .....154 lbs  
 Fuel Capacity ....4.7 gal  
 Amps (120 V) ....37.5  
     Continuous .....30.5  
 Amps (240 V) ....18.7  
     Continuous .....15.4  
 Fuel Type .....Gasoline

For your convenience, see page 47 & 48 for KV-A/KW Amperage Chart and page 49 for Generator Sizing Chart.



Cat/Class .....215-3414  
 Make .....**KUBOTA**  
 Model .....**AV5500**  
 Prime KW .....5.5  
 Width .....19.9"  
 Length .....27.6"  
 Height .....23.8"  
 Weight .....216 lbs  
 Fuel Capacity ....5.3 gal  
 Amps (120 V) ....40  
     Continuous .....36  
 Amps (240 V) ....20  
     Continuous .....18  
 Fuel Type .....Gasoline



Cat/Class .....215-3404  
 Make .....**MQ**  
 Model .....**GA6 HZR**  
 Prime KW .....6.0  
 Width .....25.75"  
 Length .....20.25"  
 Height .....18.8"  
 Weight .....198 lbs  
 Fuel Cap .....5 gal  
 Amps (120 V) ....50  
     Continuous .....41.6  
 Amps (240 V) ....25  
     Continuous .....20.8  
 Fuel Type .....Gasoline  
 GPH (@ rated cap) ... 0.90



Cat/Class .....215-3417  
 Make .....**KUBOTA**  
 Model .....**AV6500B**  
 Prime KW .....6.5  
 Width .....18.5"  
 Length .....27.4"  
 Height .....23.5"  
 Weight .....220 lbs  
 Fuel Capacity ....5.3 gal  
 Amps (120 V) ....54.1  
     Continuous .....45.2  
 Amps (240 V) ....27  
     Continuous .....22.5  
 Fuel Type .....Gasoline



Cat/Class .....215-3421  
 Make .....**KUBOTA**  
 Model .....**GL6500S**  
 Fuel .....Diesel  
 Prime KW .....6.5  
 Towable .....NO  
 Width .....23.1"  
 Length .....42.1"  
 Height .....25.4"  
 Weight .....518 lbs  
 Fuel Capacity .....5.0 gal  
 Amps (120 V) .....50  
     Continuous .....50  
 Amps (240 V) .....25  
     Continuous .....25



Cat/Class .....215-3415  
 Make .....**MQ**  
 Model .....**GA9.7 HZ**  
 Type .....Portable or  
                     Towable  
 Prime KW .....9.7  
 Width .....22.25"  
 Length .....32.5"  
 Height .....32"  
 Weight .....329 lbs  
 Fuel Capacity .....10 gal  
 Amps (120 V) .....80  
     Continuous .....70  
 Amps (240 V) .....40  
     Continuous .....35  
 Fuel Type .....Gasoline  
 GPH (@ rated cap) .....1.48



Cat/Class .....215-3415  
 Make .....**WACKER**  
 Model .....**GS 9.7V**  
 Horsepower (max) .....18  
 Power KW (max) .....13.4  
 Width .....25"  
 Length .....32"  
 Height .....24"  
 Weight .....218 lbs (dry)  
 Fuel Capacity .....7.5 gal  
 AC Voltage .....120/240 V  
 Amps (AC Circuit Breaker) ...39, 2 pole  
     Continuous AC amps ...78/39  
 Starting System .....12 V Electric  
 Fuel Type .....Gasoline  
 GPH (@ rated cap) .....1.6

For your convenience, see page 47 & 48 for kV-A/kW Amperage Chart and page 49 for Generator Sizing Chart. See page 50 for Useful Electrical Formulas.



Cat/Class .....215-3401  
 Make .....**MI-T-M**  
 Model .....**3200 iMSO**  
 Max AC Output .....3,200 W  
 Rated AC Output .....2,800 W  
 HP/Displacement ...7.0/211 CC  
 Width .....18.9"  
 Length .....21.0"  
 Height .....22.9"  
 Weight .....130 lbs  
 Fuel Capacity .....3.7 gal  
 Amps (120 V) .....26.7  
     Continuous (120 V) ..23.3  
 Decibel Rating .....58.0



Cat/Class .....215-3402  
 Make .....**MI-T-M**  
 Model .....**4300 iMSO**  
 Max AC Output .....4,300 W  
 Rated AC Output .....3,800 W  
 HP/Displacement ...9.0/265 CC  
 Width .....20.7"  
 Length .....21.0"  
 Height .....24.3"  
 Weight .....163 lbs  
 Fuel Capacity .....4.2 gal  
 Amps (120 V) .....35.8  
     Continuous (120 V) ..31.7  
 Decibel Rating .....62.0

Helpful Generator Rental Questions:  
 What is the application?  
 What voltage will be required?  
 Single phase? Three phase?  
 Amperage required?  
 Motor starting?

Extras You May Need:

- Cable or cords?
- Distribution panels?
- Transfer switches
- Ground rods?
- Fuel tanks?

See page 50 for Useful Electrical Formulas.