

## Selecting The Right Portable Generator For Your Needs

What you should know:

# Do Not Undersize the Generator

Undersizing the generator can be avoided by considering all of the loads that will be connected to the generator and determining the starting requirements (motor start) of electric motor-operated devices.

### Selecting a Generator

To select an engine-driven generator, you'll need to determine the power (kilowatt) requirements that must be met under operating conditions. Be sure the generator you select is large enough to handle your present requirements and anticipated needs.

#### **Determining Wattage**

Check the nameplate to determine wattage. If wattage is not shown but amps and volts are given, the following simplified formula may be used:

Amps x Volts = Watts (Ex. 12.5 Amps x 120 Volts = 1500 Watts)

#### **Determining Kilowatts**

To determine kilowatts (kW), use the following formula:

1000 Watts = 1 Kilowatt

(Ex. 1500 Watts/1000 Watts = 1.5 kW)

### Inverter Technology vs. Standard Portable Generators

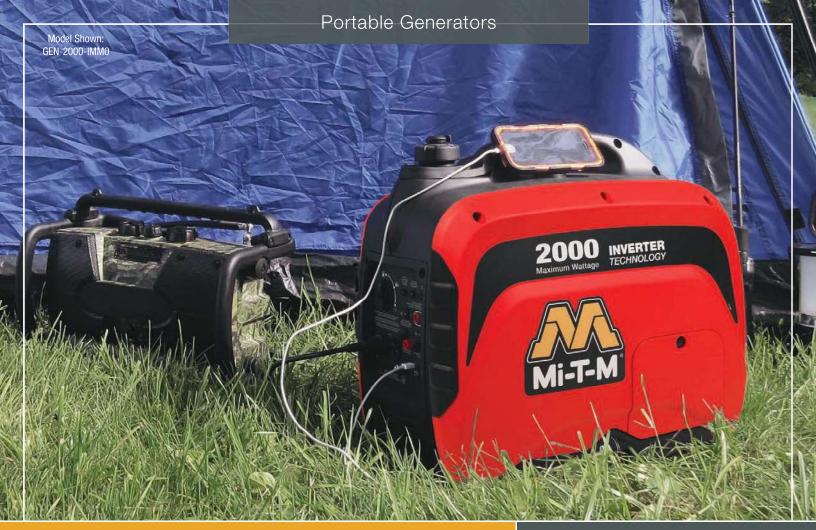
What you should know:

#### **Inverter Technology**

Mi-T-M inverters produce commercial quality AC power for sensitive electronic equipment. In addition, Mi-T-M inverter technology offers reduced size, weight, noise and fuel consumption because the generator speed is automatically adjusted to match load conditions. Inverter generators feature a core that uses multiple coils and magnets that produce ac sine waves with each full rotation of the engine. Inverter generators have a three phase process that converts the high frequency ac power to dc power before it inverts it back to clean, stable 120V, 60Hz ac power.

#### Standard Portable Generators

Mi-T-M's portable generators are designed to provide the highest power available and are therefore, *not recommended* to operate sensitive electronic equipment.



Smaller, lighter, quieter and more efficient than conventional generators, the power of a Mi-T-M inverter generator is ultra-clean and in a form that can be used to power sensitive electronic equipment like smartphones, tablets, computers and medical devices.

### Inverters Gasoline 2000 & 3000-Watt

#### **Alternator:**

- · Total harmonic distortion (THD) less than 3%
- · Copper windings

#### **Engine:**

- · Low-oil shutdown
- · Recoil start

#### Frame:

- · Insulated side panels reduce noise
- · Easy grip handle integrated into frame (Two handles on GEN-3000-IMM0)
- · Rear folding handle and two wheels for easy transport (GEN-3000-IMM0)

#### Components:

- · DC/battery charging
- · USB port for electronics
- · Idle control
- · USDA/USFS-approved spark arrestors

#### **Certification:**

· CSA Certified

#### **Limited Warranties:**

- · 1 year alternator
- · 1 year Mi-T-M engine



120V Duplex

120VAC

GEN-3000-IMM0





Models Shown: GEN-3000-IMM0 and GEN-2000-IMM0 with parallel port box accessory

Inverter generator ratings represent no-load sound levels. Noise level tested at seven meters (75% load). Rating represents minimum noise level rating.



# ChoreMaster® Series Gasoline 3600, 6000 & 8000-Watt

Featuring 3600, 6000 and 8000 watt generators, the ChoreMaster Series come with a Mi-T-M OHV engine and are designed to provide maximum power for contractors and electrical back-up for power outages.

#### **Alternator:**

- · Total harmonic distortion (THD) less than 6%
- · Copper and aluminum windings

#### Frame:

- · Low profile, compact design
- · Powder coated wraparound frame with 1-inch steel tubina

#### Components:

- · Easy-access and protected control panel with magnetic circuit breakers and GFCI-protected receptacles
- · Large low tone mufflers
- · Engine on/off switch
- · Fuel shut-off valve
- · DC/battery charging

#### Certification:

· CSA Certified

#### **Limited Warranties:**

- · 1 year alternator
- · 1 year Mi-T-M engine

1-incresteer tubing			
USAGE	Commercial	Commercial	Commercial
MODEL NO.	GEN-3600-0MM0	GEN-6000-0MM0	GEN-8000-0MME
MAX. AC OUTPUT	3600 watts	6000 watts	8000 watts
RATED AC OUTPUT	3000 watts	5500 watts	7000 watts
DISPLACEMENT/ENGINE	212cc Mi-T-M OHV	389cc Mi-T-M OHV	420cc Mi-T-M OHV with electric start - battery included
ALTERNATOR	Brushed 120V, 60Hz	Brushed 120V/240V, 60Hz	Brushed 120V/240V, 60Hz
MAX. AMPS (120V/240V)	30.0	50.0/25.0	66.6/33.3
CONT. AMPS (120V/240V)	25.0	45.8/22.9	58.3/29.2
RECEPTACLES	(2) 120V, 20A GFCI duplex	(2) 120V, 20A GFCI duplex; (1) 120V, 30A twist	(2) 120V, 20A GFCI duplex; (1) 120V, 30A twist lock;
	(1) 120V, 30A twist lock	lock; (1) 120V/240V, 30A twist lock	(1) 120V/240V, 30A twist lock
CIRCUIT BREAKERS	(1) Main circuit breaker; (2) 20A circuit	(1) Main circuit breaker; (2) 20A circuit breakers,	(1) Main circuit breaker; (2) 20A circuit breakers,
	breakers, single pole; (1) 10A DC breaker	single pole; (1) 10A DC breaker	single pole; (1) 10A DC breaker
RATED SPEED	3600 RPM	3600 RPM	3600 RPM
DECIBEL RATING	72.0	74.0	74.0
FUEL CAPACITY	4.0 gallons	6.6 gallons	6.6 gallons
RUN TIME (AT FULL LOAD)	8.5 hours	6.5 hours	6.0 hours
IDLE CONTROL	No	Yes	Yes
WHEEL KIT	No	Yes, includes tires and rubber gripped handles	Yes, includes tires and rubber gripped handles
DIMENSIONS (LxWxH)	24.9x17.6x17.9in.	39.1x28.7x30.6in.*	39.1x28.7x30.6in.*
SHIP WT.	134 lb.	228 lb.	237 lb.
NET WT.	102 lb.	180 lb.	195 lb.

GFCI 5-20R



120VAC All Models



120V/240V GEN-6000 & GEN-8000 Models

Noise level tested at seven meters (75% load). Rating represents minimum noise level rating.

\*Dimensions include the wheel kit with the handles in the down position.

· RV generator adapter

· Lifting hook

· Equipment cover