

How much power do you need?

How do you determine what size generator you need?

Sizing a portable generator is relatively easy. Check out this sample:

- 1 Choose which devices you want to power at the same time.
- 2 Record and add the running watts listed for each device that you need to power.
- 3 Record the starting watts listed for each device.
- 4 Select the one device with the highest starting watts. Add that number to the the total running watts to determine the total wattage requirement.

Device	Running Watts	Additional Starting Watts	Generator Size
Paint Sprayer	600	1200	Minimum starting watts for your needs ↓ 9100 starting watts
Halogen Light	1000	1000	
Belt Sander	1200	2400	
Table Saw	1800	4500	
Total	4600	+ 4500	= 9100 starting watts

Device	Running Watts	Starting Watts
Lamp	100	—
Radio	100-200	—
Television	150	—
Fan	200	200
Coffee Maker	600	600
Refrigerator	700	2200
Computer & Monitor	800	800
Sump Pump	800-1050	1300-2150
Microwave Oven	1000	1000
Well Pump	1000	2000
Washing Machine	1150	2250
Electric Range	1200	2100
Space Heater	1800	1800
Window AC (10,000 BTU)	1500	2200
Water Heater	4000	4000
Heat Pump	4700	4500
Central AC (40,000 BTU)	6000	6700
Inflator Pump	50	150
Electric Grill	1650	1650
Hand Drill	440	600
Battery Charger (15 Amp)	380	380
Paint Sprayer	600	1200
Belt Sander (3")	1000	2000
Halogen Work Light	1000	1000
Belt Sander	1200	2400
Chain Saw	1200	1200
Circular Saw	1400	2300
Table Saw (10")	1800	4500
Air Compressor (1 HP)	2000	4500

GENERAC

Portable Generator Specifications

Series	GP1800	GP3250	GP5500	GP6500	GP6500E	GP7500E
49- State Model Number	5981	5982	5939	5940	5941	5943
CSA/CARB Model Number	5981 / -	5982 / 5789	5975 / 5945	5976 / 5946	-	5978 / -
Running Watts	1800	3250	5500	6500	6500	7500
Starting Watts	2050	3750	6875	8125	8125	9375
Engine Displacement	163cc	208cc	389cc	389cc	389cc	420cc
Engine Type	OHV	OHV	OHV	OHV	OHV	OHV
Starting Method	Manual	Manual	Manual	Manual	Electric/Manual	Electric/Manual
Battery	-	-	-	-	Included	Included
Low Oil Shutdown	Yes	Yes	Yes	Yes	Yes	Yes
Fuel Tank	Steel, 3.5 Gal.	Steel, 3.5 Gal./4 Gal.	Steel, 6.8 Gal.	Steel, 6.8 Gal.	Steel, 6.8 Gal.	Steel, 7.5 Gal.
Run Time at 50% load	10.5 Hours	10.25 Hours/12.5 Hours	10 Hours	10 Hours	10 Hours	12 Hours
Hour meter	No	No	Yes	Yes	Yes	Yes
Outlets	(1) 120V 20A 5-20R Duplex	(1) 5-20R 120V Duplex (1) L14-30R Twist-Lock 120/240V CARB Model 5789 has (2) 5-20R 120V GFCI Duplex	(2) 5-20R 120V Duplex (1) L14-30R Twist-Lock 120/240V CARB Model 5945 has (2) 5-20R 120V GFCI Duplex	(2) 5-20R 120V Duplex (1) L14-30R Twist-Lock 120/240V CARB Model 5946 has (2) 5-20R 120V GFCI Duplex	(2) 5-20R 120V Duplex (1) L14-30R Twist-Lock 120/240V	(2) 5-20R 120V Duplex (1) L14-30R Twist-Lock 120/240V
Covered Outlets	No	Yes	Yes	Yes	Yes	Yes
Handle Style	Sold Separately	Folding	Folding/Locking	Folding/Locking	Folding/Locking	Folding/Locking
Wheel type	Sold Separately	8" Solid Wheels	9.5" Solid Wheels	9.5" Solid Wheels	9.5" Solid Wheels	9.5" Solid Wheels
Dimensions (L" x W" x H")	23 x 17 x 17	23 x 22 x 21	27.25 x 27 x 25	27.25 x 27 x 25	27.25 x 27 x 25	27.25 x 27 x 25
Product weight	84	110	171	177	186	192
Warranty - Residential	2 Year Ltd.	2 Year Ltd.	2 Year Ltd.	2 Year Ltd.	2 Year Ltd.	2 Year Ltd.
Warranty - Commercial	1 Year	1 Year	1 Year	1 Year	1 Year	1 Year

Series	GP15000E	GP17500E
Model Number	5734	5735
Emissions Configuration	49-State	49-State
Running Watts	15000	17500
Starting Watts	22500	26250
Engine Displacement	992cc	992cc
Engine Type	Generac OHVI	Generac OHVI
Idle Control	Yes	Yes
Starting Method	Electric	Electric
Battery	Included	Included
Low Oil Shutdown	Yes	Yes
Fuel Tank	Resin, 16.0 Gal	Resin, 16.0 Gal
Run Time at 50% load	10 Hours	10 Hours
Hour meter	Yes	Yes
Outlets	(1) 5-20R 120V Duplex (1) 5-20R GFCI Duplex (2) L5-30R 120V Twist-Lock (1) L14-30R 125/250V Twist-Lock (1) 14X50R 125/250V (1) 12VDC, 10 Amp	(1) 5-20R 120V Duplex (1) 5-20R GFCI Duplex (2) L5-30R 120V Twist-Lock (1) L14-30R 125/250V Twist-Lock (1) 14-50R 125/250V (1) 12VDC, 10 Amp
Handle Style	Fixed	Fixed
Wheel type	12.3" Pneumatic	12.3" Pneumatic
Dimensions (L" x W" x H")	48.5 x 31 x 39.5	48.5 x 31 x 39.5
Product weight	363	390
Warranty - Residential	2 Year Ltd.	2 Year Ltd.
Warranty - Commercial	1 Year	1 Year

All portable specifications and models subject to change without notice.

GENERAC

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**GP
SERIES**

GENERAC

GP SERIES PORTABLE GENERATORS



Affordable reliability

GP SERIES GENERATORS 1800 – 17500 WATTS

Power the fun stuff or cover an emergency with a GP Series portable generator. Affordable reliability and features not usually found on basic portable models make these a favorite for home use, camping, job sites or outdoor events.

Compact Design

Provides unparalleled power to weight ratio

Large Capacity Steel Fuel Tank with Easy-To-Read Fuel Gauge

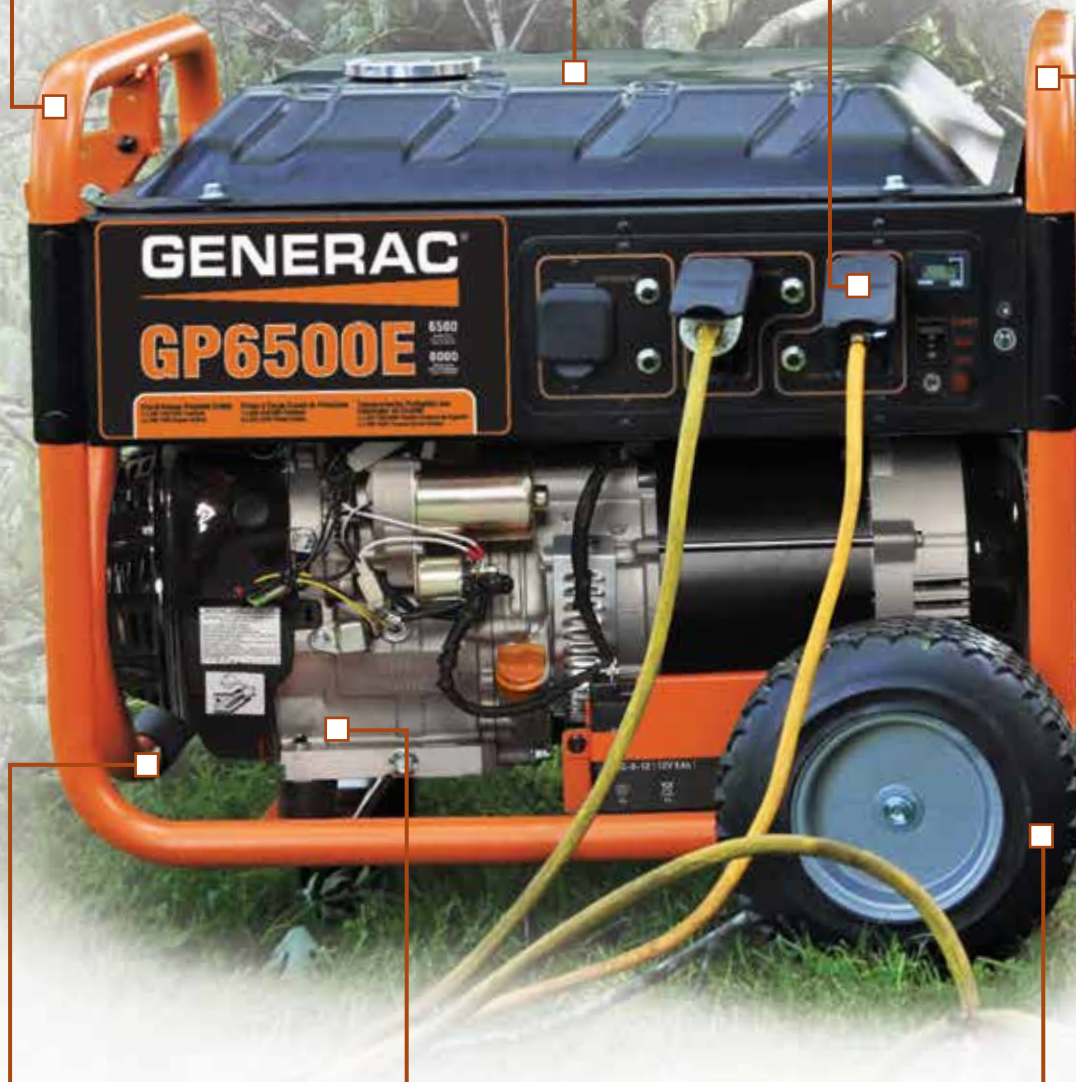
For durability and extended run times (GP15000E & GP17500E resin tanks)

Covered Outlets

Provides added protection from the environment and rugged working conditions

Hardened Steel Tube Cradle

For added durability and strength



Fold-down, locking handle

For easy transport and compact storage

Low Oil Shutdown

Detects low oil level and automatically shuts engine down to prevent potential engine damage

Heavy-duty, Never-flat Wheels

For reliable portability (GP1800-portability kit sold separately)



GP1800 & GP3250



GP3250 49-State control panel includes:

- (1) 120V Duplex Outlet
- (1) 120/240 Twistlock outlet
- Circuit breakers
- On/off switch

GP1800 control panel includes:

- (1) 120V Duplex Outlet
- Circuit breakers
- On/off switch

Compact and Affordable Portable Power

When you need to take your power with you, these compact generators are the perfect answer. The GP1800 and GP3250 models offer an affordable solution for recreation applications and are sized just right for tailgating, camping and power tool use.

WHAT'S INCLUDED

- Wheel Kit (GP3250)
- Handle Kit (GP3250)
- Engine Oil
- Quick Start Guide

GP15000E & GP17500E



The Most Powerful Portable Generators Available

Power outages usually occur without warning. Ideally, a homeowner is prepared with an automatic home standby generator installed and always ready to go. However, if a portable generator is the only option for backup power during an emergency, the GP Series 15000 and 17500 Watt units are the ultimate option, with enough power to run up to a 5-ton air conditioner and more. Also, an ideal choice for job sites with high power requirements. These models feature Generac's OHVI™ engine, for extended run times and longer life.

WHAT'S INCLUDED

- Wheel Kit
- Quick Start Guide
- Handle Kit
- Starting Battery
- Engine Oil
- Maintenance Kit

GP5500 – GP7500E

Reliable Portable Power for Every Use

Power the fun stuff or cover an emergency. Affordable reliability and features not usually found on basic portable models make these a favorite for home emergency use, camping, job sites or outdoor events. Some models are available with electric start.



Control Panel Features



Outlet Covers
Protection from the elements

Circuit Breakers
Provide overload protection

Plug-in Battery Charger Jack
Electric start units only

Starting Controls
Electric-start models only

Hour Meter
To track maintenance requirements

WHAT'S INCLUDED

- Wheel Kit
- Handle Kit
- Engine Oil
- Quick Start Guide
- Starting Battery (Electric start models)

Control Panel Features



Hour Meter
To track maintenance requirements

Idle Control
To conserve fuel and reduce noise

12Vdc Outlet
To charge automotive style batteries

Circuit Breakers
Provide overload protection

Variety of Outlets
For multiple charging possibilities

Generac OHVI® Engine

The Generac OHVI® engine is exclusively designed for generator use.



Why is this important? Generators are often required to run for hours, days, or sometimes even weeks. Continuous use can cause stress and strain on engines not specifically engineered to withstand extended run times. Generac OHVI engines are designed and purpose-built specifically for the rigors of generating power, to help ensure their long life and trouble-free performance. That's the reliability that customers expect for the punishing demand and long hours that job sites, events, and emergency backup can require. That's the Generac OHVI engine.



Tough. Purpose-Built. Engineered and built in the USA.