GENERAC®

GP17000E / GP20000E
Portable Generator

MULTI-PURPOSE POWER



CO
CARBON MONOXIDE PROTECTION

LIMITED 3 YEAR WARRANTY
3-YEAR LIMITED WARRANTY

U.S.A. ENGINEERED AND BUILT*

*ASSEMBLED IN THE USA USING FOREIGN AND DOMESTIC PARTS

Power when and where you need it.

From emergency home backup to DIY projects to the jobsite, the Generac GP17000E and GP20000E portable generators provide high wattage, dependable portable power. Equipped with an 817cc engine with Electronic Fuel Injection, these generators deliver optimized fuel efficiency and requires less maintenance. Low THD (<5%) allows you to safely power sensitive elctronics, appliances and tools while onboard COsense® Technology provides powerful protection against hazardous carbon monoxide. These generators also feature electric start (battery included), low-oil pressure shutdown protection, circuit breaker protected outlets and an hour meter with maintenance resets. The included never-flat wheel kit makes transportation easy around the home or jobsite.

Electric Start

Turn key ignition provides reliable and hassle-free start ups (Battery included)

Hour Meter

To track maintenance intervals

COsense Technology®

Stops. Alerts. Saves.
Powerful protection against hazardous carbon monoxide

Electronic Fuel Injection

Optimizes fuel efficiency and requires less maintenance.

817cc Generac Engine

New and powerful Generac engine, manufactured in USA



Long Runtimes

9 hour runtime with 14.3 gallon fuel tank capacity

Electronic Safe

Low THD (< 5%) provides clean and consistent power for sensitive electronics and appliances

Versatile Outlets

2x 20 AMP | 120V 5-20R
GFCI Duplex
1x 30 AMP | 120/240V L5-30R
1x 30 AMP | 120/240V L14-30R
1x 50 AMP | 120/240V L14-50R

Handle & Wheel Kit

Ergonomic handle and never-flat wheel kit
included for portability

HOMELINK™
MANUAL TRANSFER SWITCH COMPATIBLE

Connect your generator to select hardwired circuits in your home with a

Homelink Manual Transfer Switch

(sold separately)

Electric Start

Provides reliable, hassle-free start-up

Malfunction Indicator

Light flashes when issue with generator occurs

(1) 120/240V AC

50A Receptacle
(NEMA 14-50R)



(1) 120V AC, 30A

Locking Receptacle
(NEMA L5-30R)

(1) 120/240V AC, 30A

Locking Receptacle
(NEMA L14-30R)

(2) 120V 20A

5-20R Duplex Outlets

How much power do you need?

Sizing a portable generator is easy. Check out this example:

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 total running watts to determine the total wattage requirement.

Device	Running Watts	Additional Starting Watts	Generator Size
Heat Pump	4700	4500	
Air Compressor - 1/2 HP	1600	2900	Minimum starting watts for your needs
Hand Drill - 1/2"	600	900	
Electric Chain Saw	900		
Refrigerator/ Freezer	700		
Microwave	1000		
Space Heater	1800		
Total	11300 +	4500 =	15800 starting watts

	Device	Running Watts	Additional Watts
Household	Computer with a 17" Monitor	800	-
	Microwave - 1000 Watts	1000	-
	Refrigerator/Freezer	700	-
	Sump Pump 1/2 HP	1050	2150
	Television - 27"	500	-
	Well Pump - 1/2 HP	1000	2100
	Central AC - 24,000 BTU	3800	4950
	Furnace Fan Blower - 1/2 HP	875	2300
	Heat Pump	4700	4500
	Space Heater	1800	-
	Window AC - 12,000 BTU	3250	3950
Jobsite	Air Compressor - 1 HP	1600	2900
	Air Compressor - 1/2 HP	1000	2000
	Airless Paint Sprayer - 1/3 HP	600	1200
	Belt Sander - 3"	1200	2400
	Bench Grinder - 8"	1400	1100
	Circular Saw - 7-1/4"	1800	2300
	Hand Drill - 1/2"	600	900
	Hand Drill - 3/8"	400	600
	Miter Saw - 10"	1800	1800
	Quartz Halogen Work Light	1000	-
	Reciprocating Saw	960	-
	Table Saw, 10"	2000	2000
Recreation	Electric Hedge Trimmer	400	-
	Electric Line Trimmer - 9"	350	-
	Electric Chain Saw - 12" (1/2HP)	900	-
	AM/FM Radio	100	-
	CD / DVD Player	100	-
	Cell Phone Battery Charger	25	-
	Inflator Pump	50	150
	RV Air Conditioner (13,500 BTU)	1500	700

*Watts listed are approximate. Check your appliance for actual requirements. Total wattage requirements assumes intermittent starting of devices.

17000E | 20000E Electric Start Portable Generators

Specifications	GP17000E	GP20000E
Model	G0089380	G0089390
Configuration	49ST	49ST
Running Watts	17000	20000
Starting Watts	19300	22500
Engine Type	OHV	OHV
Engine Displacement	817cc	817cc
Starting Method	Electric Start	Electric Start
Rated AC Voltage	120/240 VAC	120/240 VAC
Rated AC Frequency	60 Hz	60 Hz
Rated 120/240 VAC Amperage	70.8 / 141.6	83.3 / 166.6
Fuel Tank Capacity - gal (L)	14.2 (54.0)	14.2 (54.0)
Run Time @ 50% Load	9 Hours	7.75 Hours
Low Oil Pressure Shutdown	Yes	Yes
COsense Technology	Yes	Yes
Hour Meter	Yes	Yes
Outlets	(2) 20 AMP | 120V 5-20R GFCI Duplex (1) 30 AMP | 120/240V L5-30R (1) 30 AMP | 120/240V L14-30R (1) 50 AMP | 120/240V L14-50R	(2) 20 AMP | 120V 5-20R GFCI Duplex (1) 30 AMP | 120/240V L5-30R (1) 30 AMP | 120/240V L14-30R (1) 50 AMP | 120/240V L14-50R
Dimensions L x W x H - in (mm)	“39 x 32.3 x 36.8" (990x 820 x 935)	“39 x 32.3 x 36.8” (990x 820 x 935)
Product Weight - lbs (kg)	422 (191)	444 (201.4)
Warranty - Residential	3 Year Limited	
Warranty - Commercial	2 Year Limited	

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