POWERHOUSE® GENERATORS

GREAT FEATURES
OUTSTANDING QUALITY
UNBEATABLE VALUE

With its inverter generator line, POWERHOUSE Products combines quality, performance, and great features for an unbeatable value. Many POWERHOUSE generators have standard features that are only available as options on most other leading generator brands. Most models have a remote start giving you the convenience of starting your generator from up to 75 feet away, wheels and pull handles making transport easy, and a powerful 4-stroke engine for maximum power output. All models include a fuel economy switch to extend run time and a low oil shutdown to protect the engine.

POWERHOUSE inverter generators provide clean, quiet portable power; perfect for the campground yet powerful enough for the job site. Inverter generators deliver stable, pure sine wave AC output, reliable enough to power even the most sensitive electronic equipment. A high-efficiency combustion system produces exceptionally low emissions making POWERHOUSE generators environmentally friendly. With four models to choose from, there's a Powerhouse generator right for you.

MODELS AND FEATURES

Choose the Powerhouse® Generator That's Right for You

Choose from four models to fit your power needs. The PH1000i is the basic model with a recoil start and easy to carry lightweight body. The PH2100PRi and the PH2700PRi feature a remote start and are parallel ready making it easy to boost your power output. The PH3100Ri also features a remote start and is powerful enough to operate a 13.5k BTU RV air conditioner. Powerhouse® generators are designed for portability. All models have either a carry handle or a pull handle, while some even come with wheels. All models include the following features:

- Variable speed for fuel economy as power demands, or constant speed for 100% full power
- Engine reset button means no restart of engine needed if unit overloads
- Automatic low oil shutdown to protect the engine from damage
- Emergency stop control doesn't require the keys to be in the generator to shut it down
- Two-year consumer/one-year commercial warranty

PH1000i Inverter Generator

- 1.63 HP Engine (53 cc)
- Recoil start
- One 20 amp duplex receptacle
- Lightweight
- Carry handle for easy transport

PH2700PRi Inverter Generator

- 5.2 HP Engine (150 cc)
- Parallel Ready
- Remote electric start to 75'
- One 20 amp duplex receptacle
- Convenient fuel primer bulb
- Automatic choke
- Carry handle and roll-along "wheelie" handle

Powerhouse generators are designed for maximum portability so you can power up when you need it, where you need it.

PH2100PRi Inverter Generator

- 4.35 HP Engine (125 cc)
- Parallel Ready
- Remote electric start to 75'
- One 20 amp duplex receptacle
- Convenient fuel primer bulb
- Automatic choke
- Carry handle for easy transport

Remote start on the PH2100PRI, PH-2700PRi and PH3100Ri lets you start your generator from from up to 75" away (Always turn off the remote switch and close the fuel valve at shutdown).

PH3100Ri Inverter Generator

- 6.8 HP Engine (270 cc)
- Powerful enough to run a 13,500BTU RV air conditioner
- Remote electric start to 75'
- Built-in hour meter
- Automatic choke
- One 20 amp duplex receptacle; one L5-30R 30 amp twist lock receptacle
- Fuel gauge
- Padded pull handle and swivel wheels included

Optional Parallel Kit

Boost Your Power! Connect any two Powerhouse parallel-ready generators to provide extra power. For example, connect two PH2100PRi together or one PH2100PRi with one PH2700PRi to get a rated 4,000 watts (maximum 4,200 watts); connect two PH2700PRi together to get a rated 5,000 watts (maximum 5,200 watts). Approved for sale in the USA and Canada. (Generators and parallel kit sold separately.) Parallel Kit Order # 69276

For more information on Powerhouse® generators visit www.powerhouse-products.com.

INVERTER GENERATOR SPECIFICATIONS

	Model PH1000i (69270)	Model PH2100PRi (69271)	Model PH2700PRi (69272)	Model PH3100Ri (69273)
Specifications				
AC Output: Rated / Max (Watts)	900 / 1000 W	2000 / 2100 W	2600 / 2700 W	3000 / 3100 W
DC Output (A)	12 V – 5 A	12 V – 8.3 A	12 V – 8.3 A	12 V – 8.3 A
Max Current (A)	8.3 A	17.5 A	22.5 A	25.8 A
Max Engine Speed	5500 rpm	5000 rpm	5000 rpm	3600 rpm
Engine Type	Single Cylinder, 4-stroke OCV, Air Cooled Gasoline	Single Cylinder, 4-stroke OCV, Air Cooled Gasoline	Single Cylinder, 4-stroke OCV, Air Cooled Gasoline	Single Cylinder, 4-stroke OHV, Air Cooled Gasoline
Horse Power (hp) / Displacement	1.63 hp / 53 cc	4.35 hp / 125 cc	5.1 hp / 150 cc	6.8 hp / 270 cc
Starting System	Recoil	Remote, Electric & Recoil	Remote, Electric & Recoil	Remote, Electric & Recoil
Continuous Run Time (hr) Full Load (¼ Load) per Tankful	3.7 hrs (9.6 hrs)	3.0 hrs (7.5 hrs)	2.9 hrs (7.2 hrs)	7.6 hrs (17.8 hrs)
Fuel Tank Capacity (gal)	0.8 gal	1.3 gal	1.4 gal	4.4 gal
Generator Dimension (in) (L x W x H)	18 1/8" x 9 3/16" x 15 1/8"	22" x 11" x 19"	22 3/4" x 13" x 17"	23 5/8" x 17 3/4" x 20 1/2"
Dry Weight (lbs)	30.8 lbs	73 lbs	80 lbs	129 lbs
Noise Level, db @ 23': (Zero Load - Full Load	55 / 64 dB	56 / 66 dB	58 / 67 dB	56 / 65 dB
Rated Current (A)	7.5 A	16.7 A	21.7 A	25 A
Rated Frequency (Hz)	60 Hz	60 Hz	60 Hz	60 Hz
Rated Voltage (V)	120 V	120 V	120 V	120 V
Receptacles	One 120 V, 20 A 5-20R Duplex	One 120 V, 20 A 5-20R Duplex	Two 120 V, 20 A 5-20R Duplex	One 120 V, 20 A 5-20R Duplex, One 120 V, 30 A L5-30R
Fuel Type	Unleaded Gasoline	Unleaded Gasoline	Unleaded Gasoline	Unleaded Gasoline
Oil Capacity	8.5 oz	15.2 oz	16 oz	35 oz
Oil Type	15W-40	15W-40	15W-40	15W-40
Spark Plug	A7RTC	A7RTC	A7RTC	F7RTC
Features				
Accessories Included	Oil Jug, 12V Charge Cable, Spare Spark Plug, Spark Plug Wrench & Handle, Manual, Oil Drain Extension	Oil Jug, 12V Charge Cable, Spare Spark Plug, Spark Plug Wrench & Handle, Manual, Keys & Remote, Oil Drain Extension, Spare 10A Glass Tube Fuse		
Automatic Low Oil Shut-down	Yes	Yes	Yes	Yes
Certifications	EPA, CSA, CARB, ISO 9001	EPA, CETL, CARB, ISO 9001	EPA, CETL, CARB, ISO 9001	EPA, CSA, CARB, ISO 9001
Choke	Manual	Auto	Auto	Auto/Electric
Electric Circuit Breaker	Inverter Controlled & Panel Mounted			
Fuel Economy Switch	Yes	Yes	Yes	Yes
Fuel Gauge	No	No	No	Yes
Hour Meter	No	No	No	Yes
Ignition System	Electronic Ignition	Electronic Ignition	Electronic Ignition	Electronic Ignition
Inverter Equipped	Yes	Yes	Yes	Yes
Overload Reset Switch	Yes	Yes	Yes	Yes
Parallel Ready	No	Yes	Yes	No
Phase	Single	Single	Single	Single
Primer Bulb	No	Yes	Yes	No
Remote Control	No	Yes	Yes	Yes
Structure	Enclosed	Enclosed	Enclosed	Enclosed
Wheels	No	No	2 Fixed & Handle	2 Fixed with Brakes, 2 Swivel

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Inverter Generator Technology

POWERHOUSE® GENERATORS

Conventional generators produce a single square wave of AC power for every engine rotation. To create standard 60Hz and power equipment, the engine is required to run at a constant speed of 3,600 rpm. Load has no bearing on the engine speed; it is always at 3,600 rpm.

Inverter generators produce a clean sine wave just like that power from your home outlets. Inverter generators produce hundreds of overlapping AC sine waves per engine rotation and as a result, more electrical power is produced from each engine rotation. The electronic processor in the inverter module "converts" three-phase, high-frequency AC power from the alternator into DC power, which is then changed by the inverter module to a clean and stable 120-volt, 60-hertz AC power signal. The technology programmed into the inverter allows it to control all functions of the generator for stable, consistent, clean power.

This clean sine wave power allows the generator to be used with any and all computer and electronic based appliances in today's homes, businesses, construction sites and outdoor recreation. An added benefit is the ability of these generators to produce 120v 60Hz current at various engine speeds thus saving fuel running at slower speeds and low load conditions but with the power for full speed and output when needed.

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