



# **Powerknight** **Gas Standby Generators**

For Residential & Small Business





## Imagine your life **without** power?

- Refrigeration/freezer for food and medicines
- Furnace
- Air conditioning
- Lighting – inside and outside
- Clean water for drinking and bathing
- Sump pump
- Kitchen appliances
- Contact with the outside world; Internet, cell phone chargers, TV, radio and more
- Washing and drying clothes
- Security system
- Garage door opener
- Fans
- Medical equipment
- Charging power tools for use during the emergency and post-outage cleanup
- Monetary loss from temporary relocation, hotel costs, dining out, property damage, etc.



## THE PRAMAC CHOICE



Choosing Pramac means that we guarantee that our 8\*-20 kVA Powerknight gas standby generators will give you peace of mind and the power to live. It means that we engineer and build them in house with proprietary technology. It means we stand behind them with a strong 5-year limited warranty. We promise to continue to innovate, like with our new Mobile Link™ monitoring system, so you'll know the status of your generator, no matter where you are. And if you ever need to call, we're standing by 24/7\*\*, every minute of every day, ready to pick up the phone.

**Reliable. Dependable. We promise.**

\* Product not RoHS-compliant

\*\* Available in English and Spanish language at the moment - please check with your dealer



## Power. Our lives depend on it.

From essentials like heating, cooling and lights, to daily necessities like cooking, laundry and the kid's bath-time, our lives run on electricity. Unfortunately, our modern lifestyles are in ever-greater jeopardy; power outages are occurring more frequently than ever and lasting longer, with devastating effects. Protect your home, family and business with a Powerknight automatic standby generator and keep life going without disruption.

## The **#1 choice** in standby power

At Pramac, we protect the things that power your life by providing quality, affordable power solutions. We've focused primarily on power generation, and we now offer more generator solutions than any other manufacturer.

That heritage has helped make us the number one choice in residential standby power, chosen seven to one over the closest competition. When you choose Pramac, you're choosing to have peace of mind and the power to live.

True Power™ Technology delivers best-in-class power quality with less than 5 percent total harmonic distortion for clean, smooth operation of sensitive electronics and appliances.

The Generac G-Force Engines are purpose-built, pressure-lubricated engines capable of handling the rigors of generator use, resulting in power that's more reliable and requiring less routine maintenance than any competitive engine.

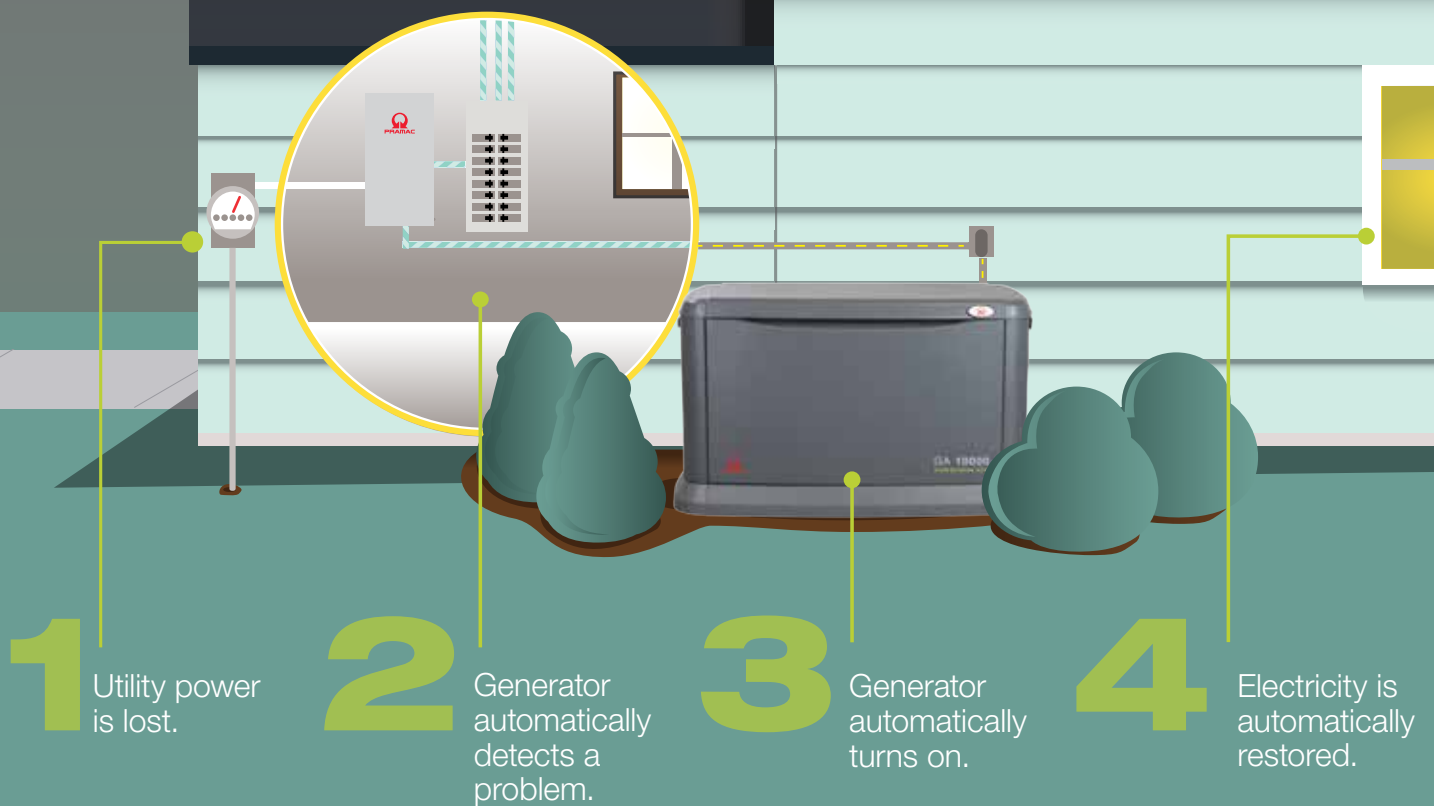
Automatic backup power means your home is always protected-even when you're away.

Options come in liquid propane or natural gas-the direct hookup means never dealing with cords or gas cans again.

5-Year Limited Warranty for automatic standby generators.

## How a generator **works**

If your power goes out, your generator comes on - automatically. It's really that simple. The generator system consists of a generator and transfer switch. The generator sits outside of your home or business just like a central air conditioner, while the transfer switch is located next to the main breaker box, and in some cases replaces it entirely.





# Sizing a generator is based on **your needs**

By sizing your generator according to your needs instead of your home's square meters, you won't overspend or be surprised by inadequate coverage. Pramac has the solution: managed house circuit or true wholehouse circuit to protect it all.

## How much power do you need?

With the broadest product line in the industry, Pramac ensures the best possible backup power system for every homeowner, and one that is right for you.



**Managed** Whole-house



**Complete** Whole-house

### Managed Whole-House

**POWER MANAGEMENT GAINS MORE COVERAGE FROM A SMALLER GENERATOR.**

Gain up to whole-house coverage through smart power management. If it is unlikely you will turn on every appliance at the same time (most people don't), a smaller generator paired with a Pramac power-management switch provides whole-house coverage through a managed power solution by managing the power requirements of individual appliances.


### Complete Whole-House

**WHEN THE POWER GOES OUT, EVERYTHING COMES ON AND STAYS ON.**

Pramac's full line of backup power solutions includes larger generators capable of covering every circuit in any size home for complete whole-house protection. Never wait for an appliance to take its turn being powered. When the power goes out, everything goes on and stays on — no matter how many circuits need to be backed up.

## Pramac offers a wide **range of sizes**

Consumers choose Pramac automatic generators not only for their proven reliability, but for the innovative features, engineered with home and business owners in mind.

**Powerknight** - 8\*, 10, 13, 20 kVA units 

Pramac Powerknight generators offer a wide range of solutions, so you can get the level of coverage that is appropriate to your needs. Choose from a pre-packaged system or have your dealer or contractor help design the best system for you.

\* Product not RoHS-compliant



**24/7 POWER PROTECTION**



# Tough. Reliable. **Purpose-Built.**

Generators are often required to run for hours, days or even weeks at a time. Continuous use can cause a lot of strain on engines not specifically engineered to withstand extended run times. We have developed robust engine solutions to ensure our generators provide the reliability necessary to power through even the most demanding situations.



### True Power™ Technology

True Power™ technology delivers best-in-class power quality with less than 5% total harmonic distortion for clean, smooth operation of sensitive electronics and appliances.



### Tough, Durable Enclosures

Sturdy, all-weather enclosures made from either galvanized steel or corrosion-resistant aluminum.



### Install Virtually Anywhere

Certified for natural gas operation at 0,9 kPa to accommodate municipalities with low gas pressure.



### Quiet Operation

Our patented Quiet-Test mode allows your generator to run weekly self-tests at a lower rpm, is quieter, and consumes less fuel.



### Smart, User-friendly Controls

Generac's Evolution™ Controller features a dual-line, multilingual LCD display allowing for easy monitoring of history and maintenance logs, as well as management of generator functions. Also features a built-in hour meter to monitor run times, provide information to determine maintenance intervals, and trigger reminders.



### Remote Monitoring

Mobile Link™ compatible, for wireless remote monitoring of your generator via your computer, tablet or smartphone.



### Tool-less Fuel Conversion

Tool-less Fuel Conversion allows for easy switching between natural gas and LP fuels in the field without the need for tools.



### 5-Year Limited Warranty

We are proud of our innovative product design, high quality and first-class reliability so that is why we stand behind them with a strong 5-year limited warranty.



### Convenient Installation

Certified for optimal placement 50 cm away from a building.





## The Generac G-Force Engine

The heart of Powerknight gas generators is the Generac G-Force engine, purpose-built for the rigors of power generation. The G-Force engine utilizes the same type of pressurized oil lubrication used to give automobile engines long and trouble-free lives. It also requires fewer scheduled maintenance checkups than some competitor's engines, and provides the reliability you need for the long run-times that emergency backup can require.



- Easily connects to existing LP or natural gas fuel supply; quickly converts in the field
- Composite mounting pad included, making installation easier in places where a concrete pad is not required
- Sturdy enclosure with RhinoCoat™ finish for superior weather protection
- TruePower™ Technology delivers best-in-class power quality with less than 5 percent total harmonic distortion for clean, smooth operation of sensitive electronics and appliances
- The only standby generator certified for natural gas operation at 0,9 kPa to accommodate low-pressure areas.
- Aluminum enclosure standard, providing excellent protection in salt-air coastal areas
- Quiet-Test™ weekly self-test mode runs at a lower rpm, is quieter, and consumes less fuel
- 5-Year Limited Warranty for automatic standby generators



# Accessories

Pramac offers more accessory options than any other generator manufacturer to ensure coverage requirements are met.



## Extended Warranty

Up to ten years total extended warranty coverage available through Pramac Dealers.

## Load Transfer Switch

The electric panel design consists in the new Load Transfer Switch (LTS) intended to be used with Pramac Powerknight Single-Phase Gas Gensets.



### LTS Features

- One circuit box replaces traditional two and three-box setups, saving on installation costs and minimizing wall space requirements
- The power supply switching is carried out by means of 2 Contactors
- Compact enclosure, Steel body with IP66
- Voltage 230V single-phase and 400V three-phase, 50 Hz
- Compatible with generators rated up to 70A
- Compatible with PRAMAC's HBR Controller: 12Vdc Single Control signal



## Cold Weather Kit

If the temperature regularly falls below 0° C, install a cold weather kit to maintain optimal battery and engine oil temperature. Kit contains a thermostat-controlled battery pad and engine-block warmer.



## Scheduled Maintenance Kits

A scheduled maintenance program ensures the generator system is always in top operating condition and warranty requirements are being met. Pramac's scheduled maintenance kits provide all the hardware necessary to perform complete routine maintenance on Pramac's automatic standby generator. Oil must be purchased separately based upon manufacturer recommendations listed below. Maintenance is recommended at every 200 hours or 2 years.

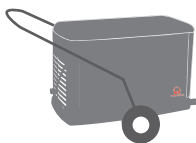
Kit contents may vary by model. Kits Include:

- Air Filter
- Spark Plugs
- Chamois
- Oil Filter
- Oil Funnel
- Reminder Sticker



## Wrap Kit

The fascia base wrap snaps together around the bottom of the new air-cooled generators. This offers a sleek, contoured appearance as well as offering protection by covering the lifting holes located in the base.



## Air cooled generator Transport Cart

The Generator Transport Cart is designed to allow a single individual to move and position any of the air cooled generators without the need for additional people or equipment.

# Specifications

Enhance your Pramac gas standby generator's performance with accessories from the leader in standby power. Products are available to maximize convenience and simplify maintenance for years of reliable standby power.

## Automatic Standby Generators - Air-Cooled

Powerknight				
	GA 8000*	GA 10000	GA 13000	GA 20000
Rated Power (LPG/NG)	8/7 kVA	10 kVA	13 kVA	20/17 kVA
Voltage	230V	230V	230V	400V
Phase	1	1	1	3
Engine RPM	3000	3000	3000	3000
Engine Model	OHVI / 530cc	OHVI / 999cc	OHVI / 999cc	OHVI / 999cc
Natural Gas: Fuel consumption 100% (m <sup>3</sup> /h)	3.62	5.30	6.48	7.02
Liquid Propane Gas: Fuel consumption 100% (l/h)	6.16	7.62	8.86	10.86
Quiet-Test Mode	Yes	Yes	Yes	Yes
dB(A) at Quiet-Test Mode	54	54	54	59
Guaranteed noise level (LWA) dB(A)	95	95	96	95
Noise pressure level @ 7 mt dB(A)	62	63	63	65
Load Transfer Switch	45 Amp	70 Amp	70 Amp	45 Amp
Enclosure	Aluminum (RHINO COAT)	Aluminum (RHINO COAT)	Aluminum (RHINO COAT)	Aluminum (RHINO COAT)
Enclosure Color	Gray	Gray	Gray	Gray
Warranty	5 Year Limited	5 Year Limited	5 Year Limited	5 Year Limited
Dimensions (L x W x H mm)	1232 x 648 x 733	1232 x 648 x 733	1232 x 648 x 733	1232 x 648 x 733
Generator Weight (kg)	155	176	193	220

\* Available for Countries extra EU.

• Rating definitions - Standby: Applicable for supplying emergency power for the duration of the utility power outage. No overload capability is available for this rating. (All ratings in accordance with BS5514, ISO3046 and DIN6271). Maximum kilovolt amps and current are subject to and limited by such factors as fuel Btu/megajoule content, ambient temperature, altitude, engine power and condition, etc. Maximum power decreases about 3.5 percent for each 305 meters above sea level; and also will decrease about 1 percent for each 6 °C above 16 °C.

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