



# 8.5-14-kW

## Home Standby Generator Systems

When the power goes out, Champion's home standby generators automatically turn on and provide seamless, reliable power to your home. Since it is connected to your propane or natural gas system it never needs refueling. No more searching for flashlights, no extension cords, no refueling in the dark. Comfort and security...on-demand.



## The SIMPLE SOLUTION™



**TOTALLY AUTOMATIC 24/7**  
No refueling, manual operation, or extension cords needed



**QUIETEST IN CLASS**  
Low-tone muffler design with custom sound baffling system



**10 YEAR WARRANTY**  
Longest standard warranty on the home standby market



**SUB ZERO/HIGH HEAT**  
24V starting system designed to operate from -22° to 104° F



**EASY ACCESS**  
Innovative gullwing enclosure for easy installation and service

### How do I CHOOSE A HOME STANDBY GENERATOR?

#### 1 How big is your home?

This determines the size **GENERATOR** you need.



Up to 1,500 ft<sup>2</sup> with 3-ton AC



1,500 to - 3,000 ft<sup>2</sup> with 4-ton AC



3,000 to - 4,000 ft<sup>2</sup> with 5-ton AC

Standby Generator **8.5-kW**    **12.5-kW**    **14-kW**

#### 2 What do you want to power?

This determines the type of **TRANSFER SWITCH** you need.



Pre-selected Circuits:

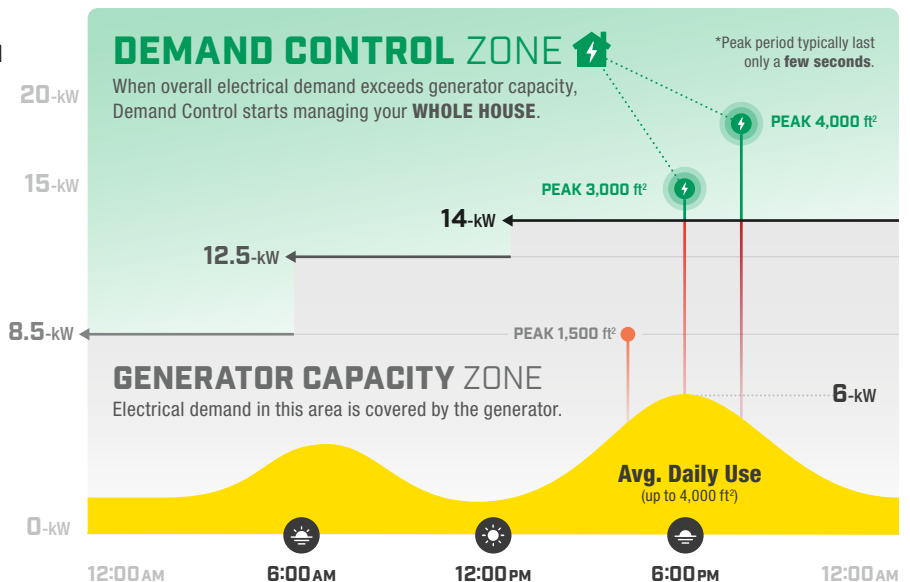


Managed Power:

Transfer Switch **ATS50** or **ATS100**    **ATS200** with **DEMAND CONTROL**

### How does the **WHOLE HOUSE** transfer switch with **DEMAND CONTROL** work?

Smaller generator, smarter switch. The process of buying a home standby generator shouldn't be difficult, so we spent a lot of time and energy creating The Simple Solution™. Our engineers poured over a large sampling of energy data from a broad cross-section of average American homes. They found that most homes throughout the day rarely exceed an electrical demand of about 6,000W – even during peak periods. Only during brief peak requirements that last only a few seconds (e.g. starting a central AC) does a home require more power. This is where Champion's **WHOLE HOUSE** transfer switch takes over. Your home's circuits are divided into prioritized zones – from vital to managed. Through our **DEMAND CONTROL** intelligent load management technology, your home's power requirements are monitored continuously. If your generator nears maximum capacity, pre-designated, high demand appliances are briefly managed to avoid overload. As soon as demand lowers, the generator will automatically reacquire the appliances that are managed.





# The SIMPLE SOLUTION™

## HOME STANDBY GENERATOR SYSTEMS

GENERATOR SPECIFICATIONS	8.5-kw	12.5-kw	14-kw
Voltage (single phase)	120/240		
Amperage@ 240V on LPG	35.4	52	58.3
Amperage@ 240V on NG	31.3	45.8	52.1
Engine/alternator RPM	3600		
Champion OHV engine (cc)	439	717	754
Fuel consumption @1/2 load – NG ft <sup>3</sup> /hr	103.2	122.2	115.9
Fuel consumption @ full load – NG ft <sup>3</sup> /hr	129.3	198.1	181.5
Fuel consumption @ 1/2 load – propane ft <sup>3</sup> /hr (gal/hr)	0.1 (1.1)	0.2 (1.5)	0.2 (1.6)
Fuel consumption @ full load – propane ft <sup>3</sup> /hr (gal/hr)	0.2 (1.6)	0.3 (2.6)	0.4 (2.6)
Governor	Mechanical		
dBA at normal operation	59.5	63	63.5
Enclosure	Gullwing design/corrosion resistant steel with all-weather mounting pad		
Starting system	Sub zero/high heat 24V		
Warranty	10 year limited		
Oil recommendation	Mobil 1 5W-30 full synthetic		
Oil capacity (qt. [L])	1.2 (1.1)	1.5 (1.4)	1.5 (1.4)
Generator model #	100199	100136	100237
> Dimensions (L x W x H)	49 x 28 x 28 in.		
> Weight	365 lb.	426 lb.	445 lb.
+ ATS50 Emergency Essentials switch (NEMA 1/3R) model #	100174/100177	–	–
+ ATS100 Emergency Essentials switch (NEMA 1/3R) model #	–	100176/100179	100295/100292
+ ATS200 Whole House w/Demand Control switch (service entry) model #	–	100291	100294

Model	Generator	Description	Output (Propane/NG)	Engine
100199	8.5 kW	Generator only	8,500W 7,500W	439cc Champion OHV
100174		ATS50 Emergency Essentials switch (NEMA 1)		
100177		ATS50 Emergency Essentials switch (NEMA 3R)		
100136	12.5 kW	Generator only	12,500W 11,000W	717cc V-twin Champion OHV
100176		ATS100 Emergency Essentials switch (NEMA 1)		
100179		ATS100 Emergency Essentials switch (NEMA 3R)		
100291		ATS200 Whole House switch w/Demand Control (service entry)		
100237	14 kW	Generator only	14,000W 12,500W	754cc V-twin Champion OHV
100295		ATS100 Emergency Essentials switch (NEMA 1)		
100292		ATS100 Emergency Essentials switch (NEMA 3R)		
100294		ATS200 Whole House switch w/Demand Control (service entry)		



Locate a certified Champion Home Standby Dealer and Installer by visiting:  
[www.championpowerequipment.com](http://www.championpowerequipment.com) or emailing [hsb@cpeauto.com](mailto:hsb@cpeauto.com)

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