

## HOME STANDBY GENERATOR SYSTEMS



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



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



**MORE FUEL EFFICIENT**  
Up to 13% better fuel economy than our top competitors



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



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



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

### NEW DIGITAL CONTROLS

GENERATOR (HSB)		SPECS
Watts (propane / natural gas)	14 kW / 12.5 kW	
Voltage (single phase)	120/240	
Amperage (120/240V)	116.6/58.3 (propane), 104/52 (natural gas)	
Harmonic distortion	Less than 5%	
Main line circuit breaker (A)	65	
Operational volume [db(A)]	62	
Frequency (Hz)	60	
Controls	Digital	<b>NEW!</b>
Weight (lb.)	439	
Dimensions L x W x H (in.)	49 x 28 x 28	

### NEW SE ATS FAMILY WITH ADVANCED POWER MANAGEMENT

AUTOMATIC TRANSFER SWITCH (ATS)			SPECS
Rating	Service entrance, NEC	Service entrance, CSA	
Amperage (A)	200, 150, 100	200, 100	<b>NEW!</b>
Enclosure	NEMA 3R		
Material	Aluminum		<b>NEW!</b>
Setup	Wi-Fi (removable external antenna)		<b>NEW!</b>
Controls	Digital		<b>NEW!</b>
Power management	Up to 4 priorities (multiple loads per priority)		<b>NEW!</b>
Dimensions H x W x D (in.)	28 x 20 x 8.3		

### NEW WIRELESS COMMUNICATION

LOAD MANAGEMENT MODULE (LMM)		SPECS
Amperage rating (A)	50	
Enclosure rating	NEMA 3R	
Material	Aluminum	
Dimensions H x W x D (in.)	8.2 x 5.2 x 3.8	

**FASTER INSTALLS, LESS WIRING**  
**SAVE MORE TIME, SAVE MORE MONEY**

- ▶ **aXis** is a programmable, upgradable home standby system that gives you access to more options...wirelessly
- ▶ Using Power Line Carrier technology **aXis** eliminates the need for communication wiring\* from generator to switch and modules
- ▶ **aXis** load management allows you to use a smaller generator to manage larger residential homes
- ▶ Using **aXis** load management modules, loads can be assigned priority levels (1-4) allowing for customization on how the home's appliances are managed. Large electric loads can also be locked out entirely while under standby power
- ▶ **aXis** Wi-Fi technology allows for onsite setup from phone or tablet

\*Wiring for battery charging is required.



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## SELECT CIRCUIT



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**HIGHEST VALUE PER KILOWATT**

- ▶ Sized for the specific appliances and circuits that you want to power in your home
- ▶ 8.5kW and 50A switch can power up to 12 circuits in your home\*
- ▶ 12.5kW and 100A transfer switch can power up to 16 circuits in your home\*
- ▶ Seamlessly power your essentials when the power goes out and returns to utility without lifting a finger

*\*Load dependent.*

GENERATOR [HSB]	8.5 kW	12.5 kW
Voltage (single phase)	120/240	
Amperage (120/240)	70.8/35.4 (propane), 62.5/31.3 (natural gas)	104.2/52 (propane), 91.7/45.8 (natural gas)
Engine/alternator RPM	3600	
Champion OHV engine (cc)	439	717
Fuel consumption @1/2 load – NG ft <sup>3</sup> /hr	103.2	122.2
Fuel consumption @ full load – NG ft <sup>3</sup> /hr	129.3	198.1
Fuel consumption @ 1/2 load – propane ft <sup>3</sup> /hr (gal/hr)	0.1 (1.1)	0.2 (1.5)
Fuel consumption @ full load – propane ft <sup>3</sup> /hr (gal/hr)	0.2 (1.6)	0.3 (2.6)
Harmonic distortion	Less than 5%	
Operational Volume [db(A)]	59.5	63
Enclosure	Gullwing design with all-weather mounting pad	
Starting system	Sub zero/high heat 24V	
Warranty	10 year limited	
Oil recommendation	5W-30 full synthetic	
Oil capacity (qt. [L])	1.2 (1.1)	1.5 (1.4)
Generator model #	100199	100136
> Dimensions (L x W x H)	49 x 28 x 28 in.	
> Weight	365 lb.	426 lb.
+ ATS50 Select Circuit switch (NEMA 3R) model #	100177	–
+ ATS100 Select Circuit switch (NEMA 3R) model #	–	100179



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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