



**HOME STANDBY
GENERATOR SYSTEMS**

8.5-22 kW



THE SIMPLE SOLUTION.

10★ YEAR

LIMITED WARRANTY



LOSS POWER?

Champion's got THE SIMPLE SOLUTION.

2008-2017 NATIONAL POWER OUTAGE DATA OVERVIEW



212,491,272

Total number of people affected by outages



1,950,490 minutes

Total duration of outages:
Approximately 32,508 hours or 1354 days

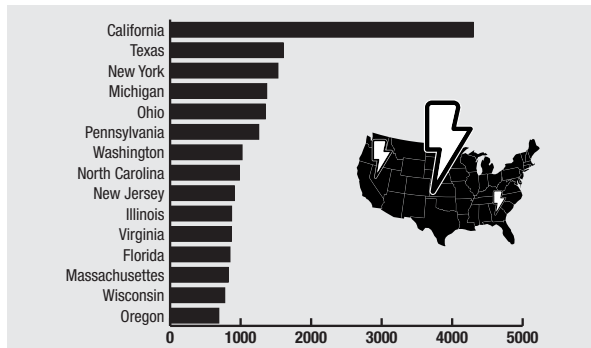


32,149

Total number of outages

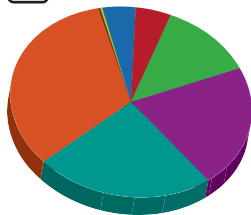
Source: Eaton Blackout Tracker - United States Annual Report 2018

2008-2017 TOP STATES WITH MOST REPORTED OUTAGES



Source: Statista - Number of power outages in the United States between 2008 and 2017, by select state

REPORTED OUTAGES BY CAUSE



Weather/Trees	33%
Faulty Equipment/ Human Error	24%
Unknown	21%
Vehicle Accident.....	13%
Planned	5%
Animal.....	4%
Theft/Vandalism.....	0.3%
Over-demand.....	0.07%



FULLY AUTOMATIC
No refueling, manual operation, or extension cords needed



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



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



CLEAN POWER
Clean electricity for powering sensitive electronics



SUB ZERO START
24V starting system designed to operate down to -22° F



LIMITED WARRANTY
Longest standard warranty on the home standby market

SELECTING THE RIGHT GENERATOR

1

WHAT DO YOU WANT TO POWER?

This determines the type of TRANSFER SWITCH you need.



SELECT CIRCUIT

Specific circuits and appliances



WHOLE HOUSE

Managed power for your entire home

2

HOW BIG IS YOUR HOME?

This determines the size GENERATOR you need.



1,500 to 3,000 sq.ft.

12-16 pre-selected circuits



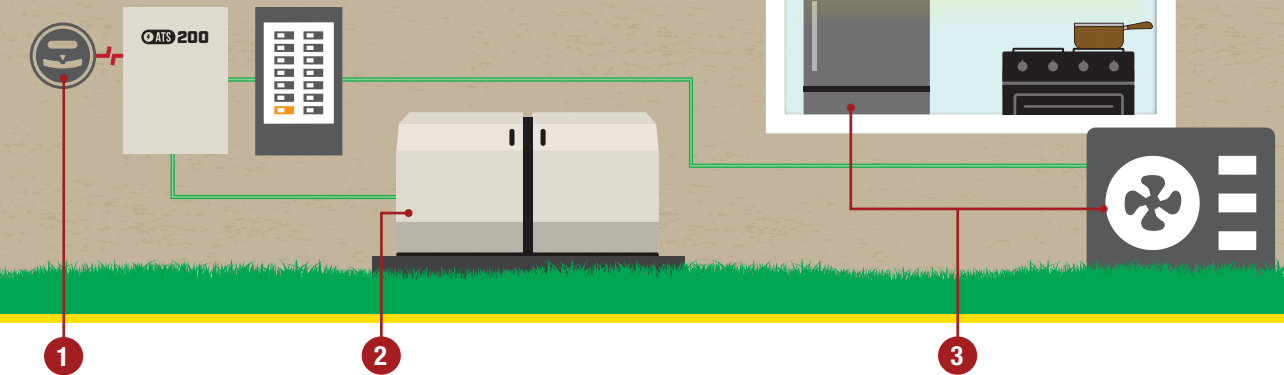
up to **4,000 sq.ft.** over **4,000 sq.ft.**

ALL circuits in home have access to generator power

Transfer Switch Rating	50-100 Amp	100-200 Amp (Service Entry)	
Generator Size	8.5-12.5 kW	14 kW	22 kW



WHOLE HOUSE MANAGED POWER WORK?



Your utility power goes out.



The generator system detects the outage and starts instantly.



The generator provides the power needed to run your lights, refrigerator, microwave and other essential items, as well as air conditioning or larger electrical loads with managed power.

14 kW / 22 kW



POWER MANAGEMENT

aXis Managed Power for 14 kW and 22 kW home standby generators allows your lights, refrigerator, electrical outlets, and other electrical devices to function as normal in a power outage. Larger electrical demand items, like your air conditioning, electric range, or electric water heater, are controlled with load management modules (sold separately).

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.

**Wiring for battery charging is required.*

CHAMPION POWER EQUIPMENT THE SIMPLE SOLUTION.



10 YEAR

Valued at \$699

THE LONGEST and BEST VALUE standard limited warranty on the home standby market!*

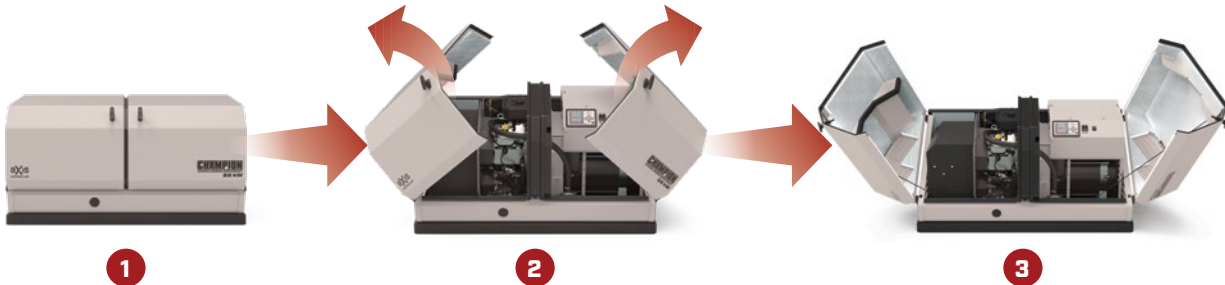
Standard for ALL HSB MODELS - 8.5 kW, 12.5 kW, 14 kW, and 22 kW

Years	CHAMPION POWER EQUIPMENT	Brand X	Brand Y	Brand Z
1	✓	✓	✓	✓
2	✓	✓	✓	✓
3	✓	✓	✓	✓
4	✓	✓	✓	✓
5	✓	✓	✓	✓
6	✓	✓		
7	✓			
8	✓			
9	✓			
10	✓			

** See operator's manual for details.*

THE SIMPLE SOLUTION.

Generator Specifications			8.5 kW	12.5 kW	14 kW	22 kW
Watts (propane / natural gas)			8.5 kW / 7.5 kW	12.5 kW / 11 kW	14 kW / 12.5 kW	22 kW / 19.8 kW
Voltage (single phase)			120/240			
Amperage @ 240V (propane / natural gas)			35.4 / 31.3	52 / 45.8	58.3 / 52.1	91.7 / 82.6
Engine/alternator RPM			3600			
Champion OHV engine (cc)			439	717	754	999
Operational volume (dB[A])			59.5	63	62	67
Fuel consumption	 Propane	50% load – LPG gal/hr (L/hr)	1.1 (4.2)	1.5 (5.7)	1.6 (6.1)	2 (7.6)
		100% load – LPG gal/hr (L/hr)	1.6 (6.1)	2.6 (9.8)	2.6 (9.8)	3.6 (13.7)
	 Natural Gas	50% load – NG ft³/hr (m³/hr)	103.2 (2.9)	122.2 (3.5)	115.9 (3.3)	173.4 (4.9)
		100% load – NG ft³/hr (m³/hr)	129.3 (3.7)	198.1 (5.6)	181.5 (5.1)	270.2 (7.7)
Governor			Mechanical			Electronic
Generator controller			Analog		aXIS CONTROLLER® (Digital)	
Starting system			Sub zero/high heat 24V			
Enclosure			Corrosion resistant steel			Aluminum-zinc coated steel
Warranty			10 year limited			
Oil capacity (qt. [L])			1.2 (1.1)	1.5 (1.4)	1.5 (1.4)	2.5 (2.8)
Generator model #			100199	100136	100515	100304
> Dimensions (L × W × H - in.)			49 × 28 × 28			53 × 28.2 × 28.4
> Weight (generator only - lb.)			365	425.5	439	593.5
+ ATS50 Select Circuit switch (NEMA 1/3R)			100177	–	–	–
+ ATS100 Select Circuit switch (NEMA 1/3R)			–	100179	–	–
+ ATS200/150/100 Whole House aXis service entry US 			–	–	100837/836/835	201222/378/220
+ ATS200/100 Whole House aXis service entry CSA Canada 			–	–	100839/838	201221/219
aXis Load Management module 50 Amp (sold separately)			–	–	100868	



Innovative gullwing enclosure for easy installation and service.



HOME STANDBY GENERATOR SYSTEMS
8.5-22 kW

THE SIMPLE SOLUTION®



**Locate a certified Champion Home Standby
Dealer and Installer by visiting:**
www.championpowerequipment.com or
emailing: hsb@cpeauto.com

Champion Power Equipment, Inc.
6370 S. Pioneer Way, Unit 101
Las Vegas, NV 89113, USA

Toll-free: 1-833-412-4267