



## 22 kW aXis CONTROLLER

### AUTOMATIC HOME STANDBY GENERATOR SYSTEMS



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



**MORE FUEL EFFICIENT**  
20% lower at average load vs leading competitors



**SUB-ZERO START**  
24V starting system designed to operate in extreme temperatures down to -22 °F



**LIMITED WARRANTY**  
Longest standard warranty on the home standby market



**ADVANCED AIRFLOW**  
Engineered airflow for lower temperature and longer engine life



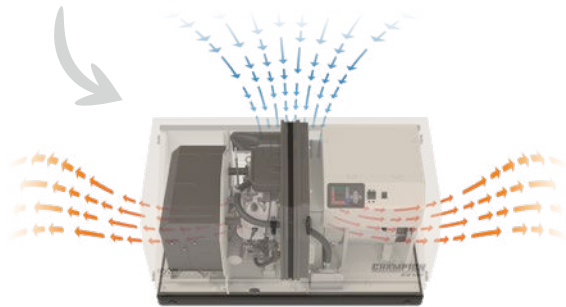
**WEATHERPROOF COATING**  
Aluminum-zinc coated steel enclosure for long lasting, weatherproof performance



**POWER LINE CARRIER**  
Lower installation cost using the home's existing wiring



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



**FASTER** installs and **LESS** wiring  
**SAVE** more **TIME** and **MONEY**

► **aXis** is a programmable and upgradeable home standby system that gives you access to more options.

► Using Power Line Carrier technology, **aXis** eliminates the need for communication wiring\* leveraging your homes existing wiring.

► **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 Direct technology allows for quick and easy onsite setup from phone or tablet.



**aXis**  
CONTROLLER

\*Wiring for battery charging is required

\*\*Measurement is approximate and for reference purposes only. Sound measured at 23 ft. (7 m) and does not account for your installation site.

#### 22 kW GENERATOR + ATS BUNDLES

Model	Generator + ATS 100	201220	201219
	Generator + ATS 150	201378	
	Generator + ATS 200	201222	201221

#### GENERATOR (HSB) ≡ SPECS

Wattage (kW)	22 (propane) / 19.8 (natural gas)
Voltage (single phase)	120/240
Amperage (A @ 120/240)	183.4/91.7 (propane), 165/82.5 (natural gas)
Harmonic distortion (THD)	Less than 5%
Main line circuit breaker (A)	100
Operational volume (db[A])**	67
Frequency (Hz)	60 (electronic governor)
Controls	Digital (4 in. color display)
Material	Aluminum-zinc coated steel
L x W x H (in.) / Weight (lb.)	53 x 28.2 x 28.4 / 590.4

FUEL CONSUMPTION	PROPANE	NATURAL GAS
50% Load	2.0 gal/hr (7.6 L/hr) [182,590 BTU/hr]	173.4 ft <sup>3</sup> /hr (4.9 m <sup>3</sup> /hr) [173,395 BTU/hr]
100% Load	3.6 gal/hr (13.7 L/hr) [332,048 BTU/hr]	270.2 ft <sup>3</sup> /hr (7.7 m <sup>3</sup> /hr) [270,157 BTU/hr]

#### AUTOMATIC TRANSFER SWITCH (ATS) ≡ SPECS

Rating	Service entrance, NEC	Service entrance, CSA
Amperage (A)	200, 150, 100	200, 100
Setup	Wi-Fi Direct (removable external antenna)	
Controls	Digital	
Power management	Up to 4 priorities (multiple loads per priority)	
Enclosure rating	NEMA 3R	
Material	Aluminum	
H x W x D (in.) / Weight (lb.)	28 x 20 x 8.3 / 42.1-47.2	

#### LOAD MANAGEMENT MODULE (LMM) - MODEL 100868 ≡ SPECS

Amperage (A)	50
Enclosure rating	NEMA 3R
Material	Aluminum
H x W x D (in.) / Weight (lb.)	8.2 x 5.2 x 3.8 / 2.2