

8.5 kW Home Standby Generator



the **SIMPLE SOLUTION**[™]
to protect your home.



Your customers deserve the very best. Give them the reliability, service and support of a Champion Home Standby Generator. Designed in the USA for the exacting standards of the North American market, Champion Home Standby Generators meet the following regulations: California Air Resource Board (CARB) regulations and Environmental Protection Agency (EPA) requirements and are certified to Underwriters Laboratory (UL 2200), and CSA C22.2 No. 100-14 standards in both the USA and Canada.

Home Standby Power – 8.5 kW

Protection: Automatic 24/7 operation

Fuel: Propane (LPG) or Natural gas (NG) for continuous operation

Convenience: Auto start in the event of utility power failure. Automatic weekly exercise and test function to insure the unit is always ready to perform

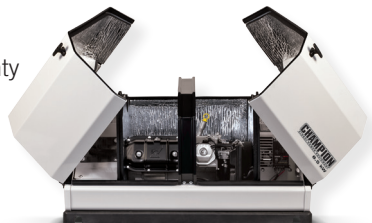
Quiet Operation: Designed for residential installations

Innovative: “Gullwing” enclosure permits easy installation and service

Reliable: 24V system for best in class starting

Champion Home Standby units include:

- 8.5 kW continuous electrical power
- 439cc Champion OHV engine, auto start and low oil shutdown
- Champion Auto Control Module (ACM)
- All weather composite mounting pad
- All weather steel enclosure
- Propane (LPG) or natural gas (NG) operation
- Battery tender to ensure fully charged batteries
- Industry leading standard 10 year limited warranty
- First class customer support



Home Standby Generator

Model 100199 – 8.5kW Unit

Maximum Continuous Power LPG: 8.5 kW

Maximum Continuous Power NG: 7.5 kW

Rated Voltage: 120/240

Amps: 70.8 LPG (62.5 NG) / 35.4 LPG (31.3 NG)

Harmonic Distortion: Less than 5%

Unit Circuit Breaker: 35.5 AMP

Phase: **Single**

Frequency: 60 Hz

Noise Level: 59.5 dBA

Operating Temperature: -22°F – 104°F

Unit Weight: 365 lbs

Size: 49 x 28 x 28 in.

Certified to UL2200 and CSA C22.2 No. 100 standards

Engine

Type: **Champion OHV**

No. of Cylinders: 1

Displacement: 439cc

Cylinder Block: **Aluminum with cast iron sleeve**

Ignition System: **Solid State – Magneto**

Governor: **Mechanical**

Starter: **24 Volt**

Oil Capacity: 1.2 qt – 1.1 L

Engine Speed: 3,600 RPM

Controls

Mode Switch: **Auto** - Start on utility failure

Mode Switch: **Manual** - Starts on demand

Mode Switch: **Off** - Unit Offline

Ready to Run: **Standard**

Maintenance Messages: **Standard**

Programmable Start Delay: **Standard**

Engine Start Sequence: **Standard**

Starter Lockout: **Standard**

Battery Charger / Low Battery Indicator: **Standard**

Charger Fault: **Standard**

Voltage Over / Under Protection: **Standard**

Low Oil: **Standard**

Safety Fuses: **Standard**

Overcrank / Overspeed Protection: **Standard**

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