

Model: HPS Back Up 15.4



SunWize® Power & Battery Home Power Systems use proven technology to provide continuous and reliable backup power to home loads. with or without solar.

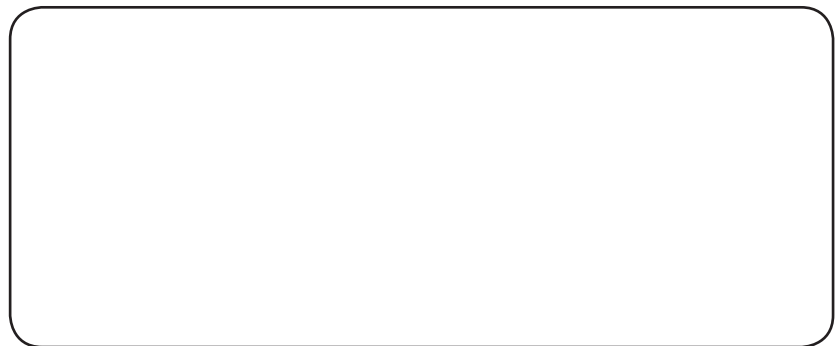
**Proven Technology:** Outback Power, VRLA batteries, rugged battery cabinet.

**Reliability:** Home Power Systems allow your preferred loads to operate independent of the utility grid.

**Straightforward Installation:** Home Power Systems are shipped fully assembled and wired. The battery bank is installed on site.

**KEY FEATURES:**

- Simple Installation. Stand up and secure, install batteries, connect to home load sub-panel, and connect PV inverter.
- System design verified for performance, reliability and function
- Standard product
- Cost-effective design maximizes space efficiency
- ETL listed components
- Three year system warranty
- Factory configured for Self-Supply operating mode.
- Low operating and maintenance costs
- Complete systems reduce specifying and buying time
- High inverter power and surge capacity are able to run most large loads periodically during a power outage.



## Technical Specifications

### Mechanical Specification

Ambient Temperature	-20°C to 50°C
Dimensions HxWxD	70"x50.5"x15.25"
Weight W/O Batteries	441lbs.
Weight with Batteries	1545lbs.
Mounting	Floor Mounted
System Rating	NEMA 1

### Electrical Specification

Operating voltage range	48VDC - 120/240VAC
Grid Interactive Freq.	59.3Hz to 60.5Hz
Load current	100AAC@240VAC
Battery Capacity	15.4kWh Critical Load Backup
Backup Power Capacity	8kW Continuous, 17kW Surge



### The System

- Provides uninterrupted power to the home with or without optional solar charging

### Connection to Solar System for Self-Supply

- Grid-Tied PV inverter power: 6.4kW Max
- Compatible with any Grid-Tie PV inverter

### The Inverter

- Pre-wired for Quick and easy installation.
- 120/240VAC output at 60Hz nominal.
- Designed for uninterrupted backup power to the home during grid power outages.

### The Batteries

- 95% round trip efficiency.
- Battery life rated for 500 cycles to 50% DOD.
- Maintenance free and require no watering or equalizing charge.

### The Controls

- Cloud based controls and monitoring

### Protection and Safety

- NEC compliant circuit protection.

