

HES SECURESOURCE Backup Power Systems with Solar Ready Option



Be Prepared for the Next Power Outage

The HES **SECURESOURCE** Backup Power System provides power when traditional grid-based sources fail.

The HES **SECURESOURCE** Backup Power System is a completely automatic "hands-free" back-up power system with optional solar grid-tie capabilities for your home or small business. Adding solar power capabilities provides even more security; the solar system will charge your batteries even when the traditional grid cannot and allows you to sell unused power back to the grid.

Protect Yourself from Power Outages

Give yourself the peace of mind that comes from knowing that your home or business will always have power available regardless of outside weather conditions. With intelligent automatic switching, the HES **SECURE-SOURCE** Backup Power System constantly monitors your grid-based power and switches automatically when an outage is detected.

Power When You Need It

The HES **SECURESOURCE** Backup Power System provides back-up power for many household and small business devices such as:

- Telephone systems
- Lights
- Furnace fans
- Computers
- Fridges/Freezers
- ...and more

Features

The HES **SECURESOURCE** Backup Power System is a complete, self-contained unit that can be installed easily and quickly in a basement or garage.

Incorporated within the lockable battery enclosure, are, a pure sine wave inverter, five stage battery charger, manual by-pass switch, generator plug, breakers, and AGM maintenance-free sealed batteries for years of worry free security and safety of your family and staff.

The HES **SECURESOURCE** Backup Power Systems are for indoor installation only and are CSA and ETL approved.



Give your family the security of knowing reliable power is always available with the HES **SECURESOURCE** Backup Power System.

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SPECIFICATIONS

Models	SECURESOURCE HES-BP-4	SECURESOURCE HES-BP-8	SECURESOURCE HES-BP-SR-4	SECURESOURCE HES-BP-SR-8
AC Ratings				
Wave form	pure sine wave	pure sine wave	pure sine wave	pure sine wave
AC Voltage	120 VAC nominal	120 VAC nominal	120 VAC nominal	120 VAC nominal
AC Phase Configuration	single	single	single	single
Frequency	60 Hz +/- 0.04%	60 Hz +/- 0.04%	60 Hz +/- 0.04%	60 Hz +/- 0.04%
Total Harmonic Distortion	<5%	<5%	<5%	<5%
Surge Power	3900 watts	7200 watts	4800 watts	5000 watts
Continuous Power	2800 watts	4000 watts	2500 watts	3500 watts
AC Pass-through Current	50 amps	50 amps	60 amps	60 amps
Maximum Continuous Operating Power	2.8 kVA	4.0 kVA	2.5 kVA	3.5 kVA
Inverter Efficiency	87%	87%	90%	90%
Transfer time to back-up	16 milliseconds	16 milliseconds	18 milliseconds	18 milliseconds
Solar Grid-tie Ready	No	No	Yes	Yes

Battery Bank

Battery Capacity	4800 WHR	9600 WHR	4800 WHR	9600 WHR
Battery Type	AGM maintenance free	AGM maintenance free	AGM maintenance free	AGM maintenance free
Dimensions				
W x H x D	33.7" x 34.2" x 15.5"	33.7" x 57.8" x 15.5"	33.7" x 34.2" x 15.5"	33.7" x 57.8" x 15.5"
Approximate Weight (including batteries)	410 lbs.	750 lbs.	410 lbs.	750 lbs.
Battery only Weight	300 lbs.	600 lbs.	300 lbs.	600 lbs.

Generator Connections

Plug-in	yes	yes	yes	yes
AC input current	15 amp	15 amp	15 amp	15 amp

Certifications

Listings Listed to ETL and CSA for indoor application only

Warranty

Electronics	2 years	2 years	2 years	2 years
Batteries	1 year	1 year	1 year	1 year

Backup Run Times

Typical House Running:	4-8 hours*	8-16 hours*	4-8 hours*	8-16 hours*
Furnace fan				
Lights				
Garage door opener				
TV & satellite dish				
Sump pump				
Refrigerator				

SALES

Victoria

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Barrie

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All specifications are subject to change without notice.
*Run times vary depending on load.

