

Home Power Systems



The ideal safeguard for your home or business when the power goes out.

KISAE Home Power Systems are a complete line of packaged plug-n-play backup power systems. Each provides power from internal batteries for emergency relief during power outages. Intended for home or business use, the batteries can be recharged and replenished by either utility or solar power.

KISAE Home Power Systems offer the following benefits:

Confidence of never running out of power.

Indefinite battery recharge capability.

No Fuel Requirements

Completely Safe for indoor use.

Silent Operation and no fumes.

Regulatory Approved cETLus for North America and CE approved for Europe.



Home Power Systems



Stand-Alone Power Systems

Fully Contained Kit - Modular Designs

Commercial / Residential Use

Home Power Systems - Solar	HS 400	120 VAC Series HS 800	HS 1800	HS 400i	230 VAC Series HS 800i	HS 1800i
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AC Output

AC Output Power (Continuous)	400W	800W	1800W	400W	800W	1800W
AC Output Power (Peak)	800W	1600W	3600W	800W	1600W	3600W
AC Output Voltage/Frequency	120VAC / 60 Hz	120VAC / 60 Hz	120VAC / 60 Hz	230VAC / 50 Hz	230VAC / 50 Hz	230VAC / 50 Hz
AC Output Current	3.3A	6.7A	15.0A	1.7A	3.5A	7.8A
AC Output Waveform	Modified Sine Wave	Modified Sine Wave	Modified Sine Wave	Modified Sine Wave	Modified Sine Wave	Modified Sine Wave
Peak Efficiency	90%	90%	90%	90%	90%	90%
AC Output Socket	NEMA 5-15	NEMA 5-15	NEMA 5-15	Euro, Australia, UK	Euro, Australia, UK	Euro, Australia, UK

DC Output

USB Output	750mA	750mA	Not Applicable	750mA	750mA	Not Applicable
12V DC Lighter Socket	15A	15A	Not Applicable	15A	15A	Not Applicable

Display Panel

Indicator	Status
Digital Display (LED)	Input Voltage, Output Power, Battery Capacity, Warning & Error Code

AC Charger (built-in)

Charger Current	2A	2A	5A	2A	2A	5A
AC Input Voltage / Frequency	120Vac / 60Hz	120Vac / 60Hz	120Vac / 60Hz	230Vac / 50 Hz	230Vac / 50 Hz	230Vac / 50 Hz

AC Transfer Switch

Transfer Time	< 30ms	< 30ms	< 30ms	< 30ms	< 30ms	< 30ms
Transfer Relay Rating	10A	10A	15A	5A	10A	10A

Solar Charger (built-in)

Input Current	8A DC Maximum	8A DC Maximum	8A DC Maximum	8A DC Maximum	8A DC Maximum	8A DC Maximum
Charger Stages	Three-Stages	Three-Stages	Three-Stages	Three-Stages	Three-Stages	Three-Stages
Maximum Input Voltage	26V DC	26V DC	26V DC	26V DC	26V DC	26V DC

Battery

Type	Deep Cycle Sealed Lead Acid					
Capacity	12V 34Ah	12C 40Ah	12V 60Ah	12V 34Ah	12V 40Ah	12V 60Ah

Regulatory Compliance

Markings	cETLus	cETLus	cETLus	CE	CE	CE
Conformance	UL & CSA Standards	UL & CSA Standards	UL & CSA Standards	LVD, EMC	LVD, EMC	LVD, EMC

Enclosure

Weight	31 lbs.	34.3 lbs.	76 lbs.	14.1 Kg	15.6 Kg	35.4 Kg
Dimension	10.5 x 6.2 x 10.0"	10.5 x 6.2 x 10.0"	14.5 x 10.5 x 14.0"	270 x 160 x 260mm	270 x 160 x 260mm	365 x 370 x 355mm

Solar Panel (included with HS1800)

Peak Power (Pmax)	80W (2 x 40W) Monocrystalline
Voltage (Vmp)	17.5VDC
Open Circuit Voltage (VOC)	21VDC
Current (Imp)	2 x 2.29A

HS1800-60-00:
1800W Home Solar Kit