

S4A-HYBRID POWER SYSTEM



Up to 8.6 kW max output

With 3 models to choose from we can meet your needs today or give you room to grow in the future.

Intelligent energy management

Meticulously designed to unify the control of your home energy needs.

Outdoor rated

Our inverter enclosure are NEMA 4X rated, protecting your system even under the most severe conditions.

On-grid/Off-grid seamless switch

Our automatic system seamlessly keeps your power on, even during power outages.

Finger tip control

Our S4A Cloud app gives you complete control of the energy in your home using real-time data.

Fully certified and tested

PVEL level quality and fully UL certified.

S4A-HYBRID POWER SYSTEM

	S4A-H60	S4A-H76	S4A-H86
PV			
Max.PV input power [W]	7200	9120	10320
Nominal DC voltage [Vdc]		360	
Max.DC voltage [Vdc]		600	
System startup voltage [Vdc]		150	
System shutdown voltage [Vdc]		80	
Operating voltage range [Vdc]		105-500	
Max.PV input current [A]		10 / per MPPT	
Max.input short circuit current [A]		12.5	
No of MPPT / Strings per MPPT	2/1	3/1	4/1
GRID-OUTPUT			
Nominal AC output power [VA]	6000	7600	8600
Max. AC output power [VA]	6600	8360	9460
Max.AC output current [A]	28	35	41
Operating AC frequency range [Hz]		59.3 - 60.5	
Total harmonic distortion [%]		<3	
GRID-INPUT			
Max.AC input power [VA]	6600	8360	9460
Nominal AC input frequency [Hz]		60	
Max.AC input current [A]	28	35	41
BACKUP LOAD OUTPUT (with auto-transformer)			
Max.continuous AC output power [VA]	6000	7600	8600
Max.continuous AC output current [A]	25	32	36
Nominal AC output frequency [Hz]		60	
GENERAL			
Dimension(L*W*D)		36*22*109in (913*560*276mm)	
Package dimension(L*W*D)		40*26.3*15.6in (1.016*667*397mm)	
Weight		130lbs (59kg)	
Enclosure rating		Type 4X	
Operation temperature range		-4°F to 140°F (-20°C to 60°C), no derating below 113oF (45°C)	
Storage temperature range		-22°F to 167°F (-30°C to 75°C)	
HMI			
Communication interface		LAN/WIFI(optional)/4G(optional)	
Warranty [years]		10	