

S4A-AC BATTERY 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 is NEMA 4X rated, protecting your system even under the most severe conditions.

On-grid/Off-grid seamless switch

Our system keeps on-line during power outage, seamlessly and automatically.

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-AC BATTERY SYSTEM

	S4A-A60	S4A-A76	S4A-A86
GRID-OUTPUT			
Nominal AC output power [VA]	6000	7600	8600
Max. AC output power [VA]	6600	8360	9460
Nominal AC output voltage (Range) [Vac]	120 / 240 split phase (211 - 264)		
Max.AC output current [A]	28	35	41
Operating AC frequency range [Hz]	59.3 - 60.5		
Output power factor rating	Default>0.99 (Adjustable +/- 0.8)		
Total harmonic distortion [%]	<3		
Max. AC output fault current and duration	765A peak /5ms, 46A rms/cycle		
GRID-INPUT			
Max.AC input power [VA]	6600	8360	9460
Nominal AC input voltage [Vac]	120 / 240 split phase		
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
Nominal AC output voltage (Range) [Vac]	120 / 240 Vac split phase (211 Vac - 264 Vac)		
Max.continuous AC output current [A]	25	32	36
Nominal AC output frequency [Hz]	60		
Max. AC output fault current and duration	200A peak /10ms, 34A rms/cycle		
EFFICIENCY			
Max. Battery-AC [%]	96.46		
CEC efficiency (PV-AC) [%]	94.2	95.50	95.63
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 113°F (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		