



SEV 1000S SEV 1500S

Solar storage inverter

Efficiency

- Advanced MPPT with up to 99.9% efficiency
- Multiple charge and discharge modes are available

Safety

- 360 degrees of security from hardware to software
- Multiple safety approvals available

Flexibility

- Support for many types of batteries
- Supports Li-ion battery BMS communication

Reliable

- Outputs high-quality pure sine wave AC power
- Reliable output for long periods at rated power

User-Friendly

- Industrial design with a modern aesthetic look
- Easy to install and simple to use

Intelligent

- Exclusive Li-ion battery BMS dual activation
- Remote monitoring operating parameters

Application scenario



House



Farm



Telecom



Countryside



Island



Pasture

MODEL	SEV 1000S	SEV 1500S
INVERTER OUTPUT		
Rated Output Power	1,000W	1,500W
Max.Peak Power	2,000VA	3,000VA
Rated Output Voltage	220/230Vac	
Load Capacity of Motors	1HP	
Rated AC Frequency	50Hz/60Hz	
Waveform	Pure Sine Wave	
Switch Time	10ms (typical)	
BATTERY		
Battery Type	Lead-acid / Li-ion / User defined	
Rated Battery Voltage	12V	
Voltage Range	10.5–15.5Vdc	
Max.MPPT Charging Current	60A	
Max.Mains/Generator Charging Current	60A	
Max.Hybrid Charging Current	120A	
PV INPUT		
Num. of MPPT Trackers	1	
Max.PV Array Power	1,000W	
Max.Voltage of Open Circuit	108Vdc	
MPPT Voltage Range	15-90Vdc	
UTILITY / GENERATOR INPUT		
Input Voltage Range	170 ~ 280Vac	
Frequency Range	50/60Hz	
Bypass Overload Current	6.5A	9.7A
EFFICIENCY		
MPPT Tracking Efficiency	99.9%	
Max. Battery Inverter Efficiency	92%	
GENERAL		
Dimensions	357.5*235*103mm	
Weight	5.5kg	
Protection Degree	IP20	
Operating Temperature Range	-10°C~55°C	
Noise	≤60dB	
Cooling Method	Forced air cooling with adjustable air speed	
Warranty	18 Months	
COMMUNICATION		
Embedded Interfaces	RS485 / USB / Dry contact	
External Modules (Optional)	Wi-Fi / GPRS	
CERTIFICATION		
Safety	CE(IEC 62109-1)	
EMC	EN61000, C2	
RoHS	Yes	