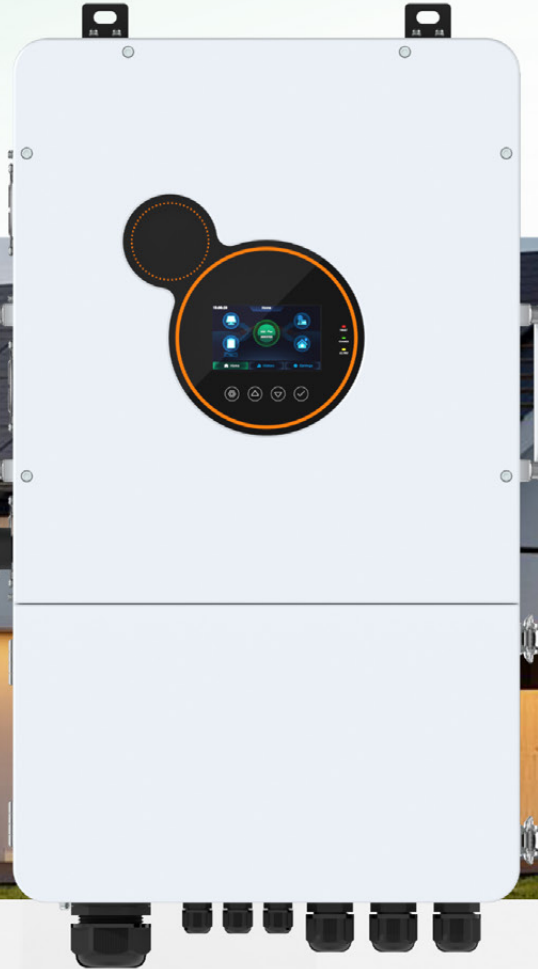


SEI Series

Solar storage inverter



Efficiency

- Advanced MPPT with up to 99.9% efficiency
- Up to 22A*2 PV input current

Safety

- With software and hardware security protection
- Multiple safety approvals

All in one

- Up to 200A charging current
- Supports Li-ion battery BMS communication

Reliable

- Outputs high-quality pure sine wave AC power
- With IP65 protection degree

User-Friendly

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

Intelligent

- Exclusive Li-ion battery BMS dual activation
- Time-slot function to save cost with peak-valley

SEI

Application scenario



House



Farm



Telecom



Countryside



Island



Pasture



Product Parameters

Model	SEI-8K-UP	SEI-10K-UP	SEI-12K-UP
Inverter Output			
Rated Output Power	8,800W	10,000W	12,000W
Max. Peak Power	17,600VA	20,000VA	24,000VA
Rated Output Voltage	120/240Vac, single-phase / split-phase / three-phase(parallel)		
Load Capacity Of Motors	5HP	6HP	6HP
Rated AC Frequency	50Hz/60Hz		
Battery			
Battery Type	Li-ion / Lead-acid / User-defined		
Rated Battery Voltage	48V		
Max. PV Charging Current	200A		
Max. Mains Charging Current	120A		
Max. Alternator Charging Current	60A		
Max. Hybrid Charging Current	200A		
PV Input			
Num. Of MPPT Trackers	2		
Max. PV Array Power	5,500W+5,500W	5,500W+5,500W	6,600W+6,600W
Max. Input Current	22A+22A		
Max. Open-circuit Voltage	500Vdc+500Vdc		
MPPT Operating Voltage Range	125 ~ 425Vdc		
Mains /generator Input			
Input Voltage Range	90 ~ 140Vac		
Frequency Range	50/60Hz		
General			
Num. of Parallel	1 ~ 6 units		
Dimensions	750*440*240mm (2.46*1.44*0.79ft)		
Weight	42kg (92.59lb)		
Protection Degree	IP65		
Operating Temperature Range	-25~60°C,>45°C derated		
Noise	<60dB		
Cooling Method	Intelligent air-cooling		
Warranty	5 years		
Communication			
Embedded Interfaces	RS485 / CAN / USB / Dry Contact		
External Modules (Optional)	Wi-Fi / GPRS		
Certification			
Safety	IEC62109-1, IEC62109-2		
Rohs	Yes		