

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-SP	SEI-10K-SP	SEI-12K-SP
Inverter Output			
Rated Output Power	8,800W	10,000W	12,000W
Max. Peak Power	17,600VA	20,000VA	24,000VA
Rated Output Voltage	230Vac, single-phase / three-phase(3 units in parallel)		
Load Capacity Of Motors	5HP	6HP	6HP
Output Frequency Range	50Hz/60Hz		
Switch Time	10ms (typical)		
Num. of Parallel	1~6 units		
Battery			
Battery Type	Li-ion / Lead-acid / User-defined		
Rated Battery Voltage	48V		
Battery Voltage Range	40~60Vdc		
Max.PV Charging Current	200A		
Max. generator Charging Current	60A		
Max. Grid Charging Current	120A		
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. Voltage Of Open Circuit	500Vdc+500Vdc		
Utility /generator Input			
Input Voltage Range	90~280Vac		
Frequency Range	50/60Hz (auto detection)		
Bypass Overload Current	63A		
General			
Dimensions	670*440*240mm		
Weight	37kg		
Protection Degree	IP65		
Operating Temperature Range	-25~60°C,>45°C derated		
Noise	<60dB		
Cooling Method	Forced air cooling		
Warranty	5 years		
Communication			
Embedded Interfaces	RS485 / CAN / USB / Dry Contact		
External Modules (Optional)	Wi-Fi / GPRS		