

# 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 260A charging current
- Supports Li-ion battery BMS communication

### Reliable

- Support three-phase pure sine wave output
- 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



## Product Parameters

Model	SEI-8K-H3P	SEI-10K-H3P	SEI-12K-H3P
<b>Inverter Output</b>			
Rated Output Power	8,000W	10,000W	12,000W
Max. Peak Power	16,000W	20,000W	24,000W
Rated Output Voltage	230/400Vac , Three-phase		
Load Capacity Of Motors	5HP	6HP	
Rated AC Frequency	50Hz/60Hz		
Switch Time	10ms (typical)		
Number of Parallel	1~6 units		
<b>Battery</b>			
Battery Type	Li-ion / Lead-acid / User-defined		
Rated Battery Voltage	48Vdc		
Voltage Range	40~60Vdc		
Max. Mppt Charging Current	100A	120A	120A
Max. Mains/generator Charging Current	100A	120A	120A
Max. Hybrid Charging Current	180A	220A	260A
<b>PV Input</b>			
Num. Of MPPT Trackers	2		
Max. PV Array Power	6,000W+6,000W	7,500W+7,500W	9,000W+9,000W
Max. Input Current	22A+22A		
Max. Voltage Of Open Circuit	800Vdc+800Vdc		
Mppt Voltage Range	200~650Vdc		
<b>Utility /generator Input</b>			
Input Voltage Range	phase voltage 170~280V, line voltage 305~485V		
Frequency Range	50Hz/60Hz		
Bypass Overload Current	23.2A	29A	35A
<b>General</b>			
Dimensions	700*440*260mm		
Weight	39.2kg		
Protection Degree	IP65		
Operating Temperature Range	-25~60°C, >45°C derated		
Noise	<60dB		
Cooling Method	Forced air cooling		
Warranty	5 years		
<b>Communication</b>			
Embedded Interfaces	RS485 / CAN / USB / Dry Contact		
External Modules (Optional)	Wi-Fi / GPRS		