

# SEI Series

## Hybrid Solar Storage Inverter



### Efficiency

- Advanced MPPT with up to 99.9% efficiency
- Up to 32A\*2 PV input current

### Safety

- With software and hardware security protection
- Multiple safety approvals

### All in one

- Up to 240A 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-UPRO	SEI-10K-UPRO	SEI-12K-UPRO
<b>Inverter Output</b>			
Rated Output Power	8,800W	10,000W	240V 12,000W/208V 10,400W
Max. Peak Power	1.5 times rated power @10 S; 2 times rated power @0.5 S		
Rated Output Voltage	120/240Vac(Split-phase) ; 120/208V(Three-phase)		
Max. Continuous Output Current	240V 36.6A/208V 42.3A	240V 41.7A/208V 48.1A	50A
Load Capacity Of Motors	5HP	6HP	6HP
Locked Rotor Amps (LRA)	123A (Ipeak)		
Rated AC Frequency	50/60Hz		
<b>Battery</b>			
Battery Type	Li-ion / Lead-acid / User-defined		
Rated Battery Voltage	48Vdc		
Battery Volatge Range	40 ~ 60Vdc		
Max. Grid Charging Current	200A		
Max. Generator Charging Current	90A		
Max. Hybrid Charging Current	240A		
<b>PV Input</b>			
Num. Of MPPT Trackers	2		
Max. PV Array Power	6,600W+6,600W	7,500W+7,500W	9,000W +9,000W
Max. PV Input Current	32A+32A		
Short-Circuit Current Isc	40A+40A		
Max. Open Circuit Voltage	550Vdc/550Vdc		
MPPT Voltage Range	125 ~ 450Vdc/125 ~ 450Vdc		
<b>Grid /generator Input</b>			
Input Voltage Range	90 ~ 140Vac		
Frequency Range	50/60Hz		
Continuous Grid Passthrough Current	200A		
<b>General</b>			
Num. of Parallel	1 to 6 units (2 or more units can form a three-phase output)		
Dimensions	840*440*260mm		
Weight	48kg		
Protection Degree	IP65		
Operating Temperature Range	-25~60°C,>45°C derated		
Noise	<60dB		
Cooling Method	Heat sink + intelligent fan cooling		
<b>Communication</b>			
Embedded Interfaces	RS485 / CAN / USB / Dry Contact		
External Modules (Optional)	Wi-Fi / GPRS (Optional)		