

# HYBRID

## Split Phase Inverter

SEI Series 8K 10K 12K



### Features

#### 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

- Output 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 SERIES

## PRODUCT DESCRIPTION

MODEL	SEI-8K-UP	SEI-10K-UP	SEI-12K-UP
<b>INVERTER OUTPUT</b>			
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	
Rated AC Frequency	50/60Hz		
<b>BATTERY</b>			
Battery Type	Lead-acid / Li-ion / 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		
<b>PV INPUT</b>			
Num. of MPPT	2		
Max. PV Array Power	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		
<b>MAINS / GENERATOR INPUT</b>			
Input Voltage Range	90~140Vac		
Frequency Range	50/60Hz		
<b>GENERAL</b>			
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		
Cooling Method	Intelligent air-cooling		
Warranty	5 years		
<b>COMMUNICATION</b>			
Embedded Interfaces	RS485 / CAN / USB / Dry contact		
External Modules (optional)	Wi-Fi / GPRS		
<b>CERTIFICATION</b>			
Safety	IEC62109-1, IEC62109-2		
Rohs	Yes		