

SEI 4-12KW



Product Features

- Support parallel connection of 6 devices
- Time segmented charging and discharging
- MPPT tracking efficiency up to 99.9%
- Support BMS communication and BMS dual activation for lithium-ion batteries
- Charging current up to 200A
- Comprehensive security protection from hardware to software
- Easy to install and use

Model	SEI-4K-SP	SEI-4.6K-SP	SEI-5K-SP SEI-5.5K-SP	SEI-6K-SP
Off grid output				
Rated output power	4,000W	4,600W	5,500W	6,000W
Rated output voltage	230Vac, Single phase/three-phase in parallel operation			
Grid connected output				
Rated output power	4,000W	4,600W	5,500W	6,000W
Maximum apparent power	8,000VA	9,200VA	11,000VA	12,000VA
Rated current for AC output	17.4A	20A	24A	26A
AC output maximum current	19.1A	22A	26.4A	28.6A
Rated output voltage	230Vac, Single phase/three-phase in parallel operation			
Battery				
Battery Type	Lead acid batteries/Lithium ion batteries/User defined			
Rated battery voltage	48Vdc			
Battery voltage range	40 ~ 60Vdc			
Maximum AC charging current	60A			
Maximum generator charging current	60A			
Maximum hybrid charging current	100A			
Photovoltaic input				
MPPT channels	2			
Maximum input power	3,000W+3,000W	3,500W+3,500W	4,000W+4,000W	4,500W+4,500W
Maximum input current	16A+16A			
Maximum open circuit voltage	500Vdc+500Vdc			
Municipal power/generator input				
Input voltage range	90 ~ 280Vac			
Input frequency range	50/60Hz			
Bypass overload current	40A			
Basic parameters				
Number of compatible machines	1~6 platform			
size	556*345*182mm			
weight	20kg			
Protection level	IP65			
Working temperature range	-25~60°C (> 45°C Reduced amount)			
Cooling method	Heat sink+intelligent air cooling			
Warranty period	5 years			
Communication parameters				
Built in interface	RS485 / CAN / USB / Dry contact point			
External module (optional)	Wi-Fi / GPRS			