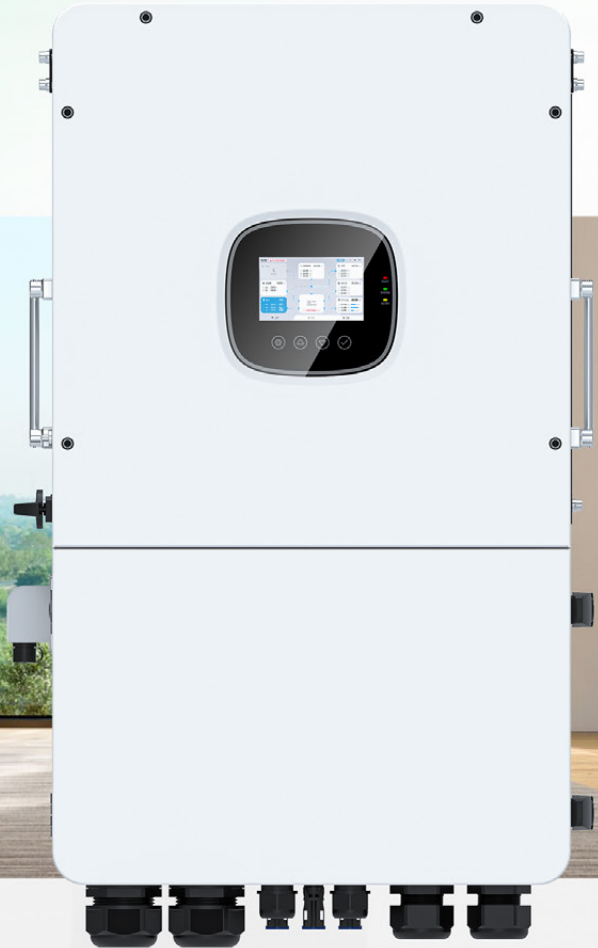


SEI-20K-H3P

Solar storage inverter



Efficiency

- Advanced MPPT technology with up to 99.9% efficiency
- Up to 26A+26A+26A PV input current

Safety

- Comprehensive security from hardware to software
- Multiple safety approvals

All in one

- Up to 350A charging current
- Supports lead-acid battery and li-ion battery

Reliable

- Outputs high-quality pure sine wave AC power
- With IP65 protection degree
- Up to 9 units can be connected in parallel.

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-20K-H3P	
AC Output (Load)			
Rated Output Power	20,000W		
Max. Peak Power	40,000W		
Rated Output Voltage	230/400Vac (Three-Phase)		
Load Capacity Of Motors	12HP		
Rated AC Frequency	50/60Hz ± 0.3Hz		
Waveform	Pure Sine Wave		
Switch Time	10ms (typical)		
AC Output (Grid)			
Rated Output Power	20,000W		
Max. Apparent Power	40,000W		
Rated Voltage	3L/N/PE 230/400Vac		
Rated Output Current	29A		
Battery			
Battery Type	Lithium-ion Battery / Lead-acid Battery / User-defined		
Rated Battery Voltage	48Vdc		
Voltage Range	40~60Vdc		
Max. Mppt Charging Current	350A		
Max. Mains/generator Charging Current	350A		
Max. Hybrid Charging Current	350A		
PV Input			
Num. Of MPPT Trackers	3		
Max. PV Array Power	30000W		
Max. Input Current	26A _{dc} / 26A _{dc} / 26A _{dc}		
Max. Voltage Of Open Circuit	1000Vdc		
Mppt Voltage Range	160~800Vdc		
Utility /generator Input			
Input Voltage Range	phase voltage 170~280V, line voltage 305~485V		
Frequency Range	50Hz/60Hz		
Bypass Overload Current	70A		
General			
Parallel Capacity	1~9 Units		
Dimensions	800x470x313mm	Humidity Range	0~100%
Weight	59.5kg	Cooling Method	Heat sink + intelligent fan cooling
Protection Level	IP65	Noise	<55dB
Temperature	-25 to +60°C, >45°C Derate	Communication Port	RS485 / CAN / USB / Dry contact
Warranty	5 years	External Module	WIFI / 4G Stick