



### Product features

- Up to 6 units in parallel for SP
- Support Li-ion battery BMS dual activation
- Dual MPPT with up to 99.9% efficiency
- With a modern aesthetic look, simple to install and easy to use
- Up to 260A charging current
- Comprehensive protection
- Highly efficient 400V three-phase system

MDEL	SPI-8K-H3P	SPI-10K-H3P	SPI-12K-H3P
<b>INVERTER INPUT</b>			
Rated Output Power	8,000W	10,000W	12,000W
Peak Power	16,000W	20,000W	24,000W
Rated Output Power	400Vac, Three-Phase		
On-load Motor capability	5HP	6HP	
Output Frequency	50/60Hz		
Output voltage waveform	Pure sine wave		
Conversion time	10ms (Typical)		
<b>BATTERY</b>			
Battery Type	Lithium-ion battery/lead-acid battery/User defined		
Rated battery voltage	48Vdc		
Battery voltage range	40~60Vdc		
Max. Utility/Generator Charging current	100A	120A	120A
Max. Hybrid Charging Current	180A	220A	260A
<b>PV INPUT</b>			
Num. of MPPT	2		
Max. PV Array Power	6,000W+6,000W	7,500W+7,500W	9,000W+9,000W
Max. Input Current	22A+22A		
Max. Open-circuit Voltage	800Vdc+800Vdc		
MPPT Operating voltage range	200~650Vdc		
<b>UTILITY / GENERATOR INPUT</b>			
Input Voltage Range	Phase voltage170~280V, Line voltage305~485V		
Input Frequency	50/60Hz		
Bypass overload phase current	23.2A	29A	35A
<b>GENERAL</b>			
Num. of Parallel	1~6Units		
Dimensions	620*445*130mm		
Weight	27kg		
Protection Degree	IP20, Only Indoor		
Operating Temp. Range	-10~55°C, >45°Cderated		
Cooling Method	intelligent air cooling		
Warranty	18 Mouths		
<b>COMMUNICATION</b>			
Embedded Interfaces	RS485 / CAN / USB / Dry Contact		
External Module (optional)	Wi-Fi / GPRS		