



# String Inverter

## SPI1.5~4.6K-B Series

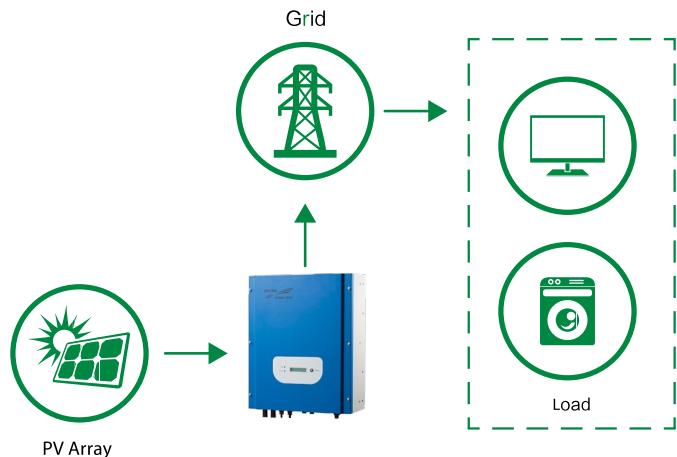
- » High efficiency > 97%
- » Modular design
- » Full digital control technology

### Easy for Use:

- LCD display all information and easy operation
- IP 65, capable for outdoor use

### Excellent Performance:

- Power factor > 0.99
- Cause no harmonic pollution to grid
- Wide input range, flexible solar panel configuration
- MPPT function, maximize the utilization of solar panels
- High efficiency > 97%
- Wide working temperature range, -20~ +60°C



### High Reliability:

- Adopt DSP chips, full digital control technology
- Adopt active islanding Protection
- Automatic load limit function to protect the equipment
- DC Input Over-Voltage Alarm & Protection

## Technical Specification:

Items	SPI1500-B	SPI2000-B	SPI3000-B	SPI4000-B	SPI4600-B
<b>Input</b>					
Max. DC Input Power (W)	1800	2400	3500	4600	5200
Max. DC Input Voltage (Vdc)			500		
Max. DC Input Current (A)	9	11	14	20	22
MPPT Voltage Range (Vdc)			150~450		
Max. Number of String	1			2	
<b>Output</b>					
Rated AC Output Power (W)	1500	2000	3000	4000	4600
Max. Output Power (W)	1650	2200	3300	4400	5060
Rated AC Voltage(Single Phase)(Vac)	220/230/240 (110/120/127 are available for customization)				
Rated AC Frequency (Hz)	50/60				
Total Harmonic Distortion	$\leq 3\%$ (At full load operation)				
Power Factor	>0.99 (At full load operation)				
<b>Efficiency</b>					
Max. Efficiency	$\geq 97.2\%$				
Europe Efficiency	$\geq 96.3\%$				
<b>Others</b>					
IP Grade	IP65				
Operating Ambient Temperature (°C)	-20~60				
Operating Ambient Humidity	0~95%				
Protection	DC over-voltage protection, Low voltage protection, Over temperature protection, Output over-voltage protection, Anti-islanding protection				
Communication Port	RS485				
Reference Dimension (W x D x H) (mm)	335x410x150		410x510x160		
Reference Weight (kg)	15		24		

- Specifications are subject to change without prior notice.