



Power Systems

SPI-B Series

Non-Isolated On Grid PV (1.5-4.6kW)
Solar Inverter



Features

- Excellent MPPT control function
- Transformerless design
- Green power with complete pure sine wave input
Current to the grid
- Warning and protection function of DC input over-voltage
- Load limitation automatically
- Islanding protection function
- Wide temperature range



■ SPECIFICATION

Parameters	Model	SPI1500-B	SPI2000-B	SPI3000-B	SPI4000-B	SPI4600-B
Input Data						
Max. DC Input Power (W)		1800	2400	3500	4600	5200
Max. DC Input Voltage (VDC)		500				
Max. DC Input Current (A)		9	11	14	18	20
MPPT Voltage Range (V)		150~450				
Max. No. of String		1		2		
Output Data						
Rated AC Output Power (W)		1500	2000	3000	4000	4600
Rated AC Voltage (Single Phase) (V)		230				
Rated AC Frequency (Hz)		50/60				
Total Harmonic Distortion		≤3% (At full load operation)				
Power Factor		>0.99 (At full load operation)				
Efficiency						
Max. Efficiency		≥96.5%				
Europe Efficiency		≥96%				
Other						
Protection Level		IP65				
Operating Ambient Temperature		-20°C~+60°C				
Operating Ambient Humidity		0~95%				
Protection Level		DC over-voltage protection, Low voltage protection, Over temperature protection, Output over-voltage protection, Anti-islanding protection				
Reference Dimension (W x D x H) (mm)		335 x 410 x 150			410 x 510 x 160	
Reference Weight (Kg)		15			24	
Communication Port		RS485				

Spec.STD 15.08.2012

● Specification are subject to change without prior notice.



Uninterruptible Power Supplies

