



# Smart On-grid String Inverter Series

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Kehua Hengsheng Co., Ltd.

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# **CONTENTS**

**1 - String Inverter Products**

**2 - References**

Intelligent Power Comprehensive Management





# 1 String Inverter Products

- 06 - Single-phase On-grid String Inverter**  
SPI1500-B2/SPI2000-B2
- 08 - Single-phase On-grid String Inverter**  
SPI3000-B2/SPI3600-B2/SPI4000-B2/SPI4600-B2/SPI5000-B2/SPI6000-B2
- 10 - Three-phase On-grid String Inverter**  
SPI5K-B/SPI6K-B /SPI8K-B/SPI10K-B/SPI12K-B
- 12 - Three-phase On-grid String Inverter**  
SPI12K-BL/SPI15K-B/SPI17K-B/SPI20K-B
- 14 - Three-phase On-grid String Inverter**  
SPI30K-B/SPI33K-B/SPI36K-B/SPI40K-B/SPI50K-B/SPI60K-B
- 16 - Three-phase On-grid String Inverter**  
SPI50K-BHV/SPI60K-BHV
- 18 - 1500V Three-phase On-grid String Inverter**  
SPI250K-B-H
- 19 - Distributed Energy Monitoring and Management System**
- 20 - WiseSolar - Mobile APP**







# Single-phase On-grid String Inverter

## SPI1500-B2/SPI2000-B2



### Product Features

#### High efficiency

- High-efficiency inverter topology ensures annual power generation
- Advanced control algorithms and high adaptation ability to the grid, improving the stability of power generation system

#### Safe and reliable

- IP65 for outdoor application
- Integrated AC/DC full lightning protection
- Aluminum alloy die-casting integrated chassis, ensure 25 years full life circle running

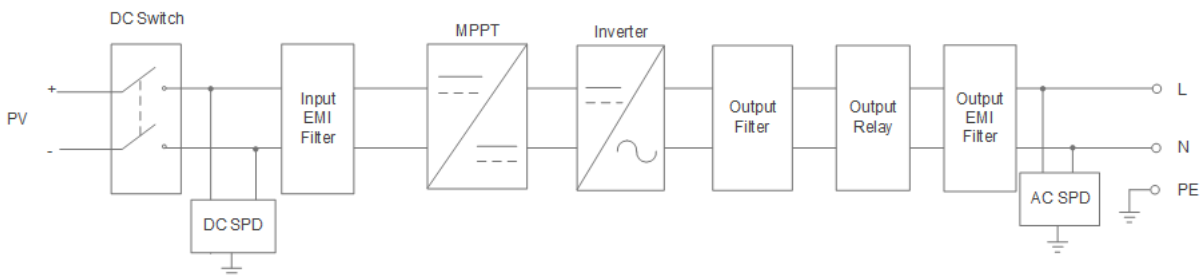
#### Intelligent management

- Intelligent cloud platform monitoring, realizing one-key APP real-time monitoring
- Support RS485, GPRS, WIFI and other communication methods

#### Green saving

- Small size, easy to install and use
- Natural cooling, ensuring low environmental noise
- Super-wide operating temperature range, adapt to extremely cold, high temperature areas

### Function Diagram



\*e.g. SPI1500-B2/2000-B2

## Technical Specification

Items	SPI1500-B2	SPI2000-B2
<b>DC Input</b>		
Max. PV input voltage	600Vdc	
Rated input voltage	360Vdc	
Max. PV input current	11A	
No. of MPPTs	1	
No. of PV strings per MPPT	1	
MPPT voltage range	100Vdc~550Vdc	
Starting voltage	120Vdc	
<b>AC Output</b>		
Rated AC output power	1.5kW	2.0kW
Max. output power	1.65kW	2.2kW
Rated AC output voltage	220/230Vac	
Rated output current	6.5A	8.7A
Max. output current	7.2A	9.6A
Rated grid frequency	50/60Hz	
Grid frequency range	45~55Hz/55~65Hz	
Power factor	>0.99 full load	
Adjustable power factor	0.8(leading)~0.8(lagging)	
THDI	<3% (nominal power)	
<b>Efficiency</b>		
Max. efficiency	98.10%	
European efficiency	97.70%	
<b>Protection</b>		
Anti-islanding	Yes	
DC reversed connection	Yes	
AC short circuit protection	Yes	
Temperature protection	Yes	
Surge protection	Yes	
PV fault detect	Yes	
DC switch	Yes	
<b>General</b>		
Dimensions (W×H×D)	360×420×125mm	
Weight	11.8 kg	
IP grade	IP65	
Noise level	≤25dB	
Self-consumption at night	<1W	
Cooling type	Natural cooling	
Altitude	4000m (>2000m derating)	
Operating temperature	-40°C~60°C (>45°C derating)	
Operating humidity	0~95% (Non-condensing)	
Display	LCD+LED	
Communication	RS485/WiFi (optional)/GPRS (optional)/DRM (Australia)	
DC terminal	H4 Terminal	
AC terminal	Plug and play connector	
Installation method	Wall-mounted	
Standard	EN62109-1, EN62109-2 NB/T32004, AS3100, AS4777, EN 61000-6-2, EN 61000-6-3	

■ Specifications are subject to change without prior notice.

# Single-phase On-grid String Inverter

SPI3000-B2/SPI3600-B2/SPI4000-B2/SPI4600-B2/SPI5000-B2/SPI6000-B2



## Product Features

### High efficiency

- High-efficiency inverter topology ensures annual power generation
- Advanced control algorithms and high adaptation ability to the grid, improving the stability of power generation system

### Safe and reliable

- IP65 for outdoor application
- Integrated AC/DC full lightning protection
- Aluminum alloy die-casting integrated chassis, ensure 25 years full life circle running

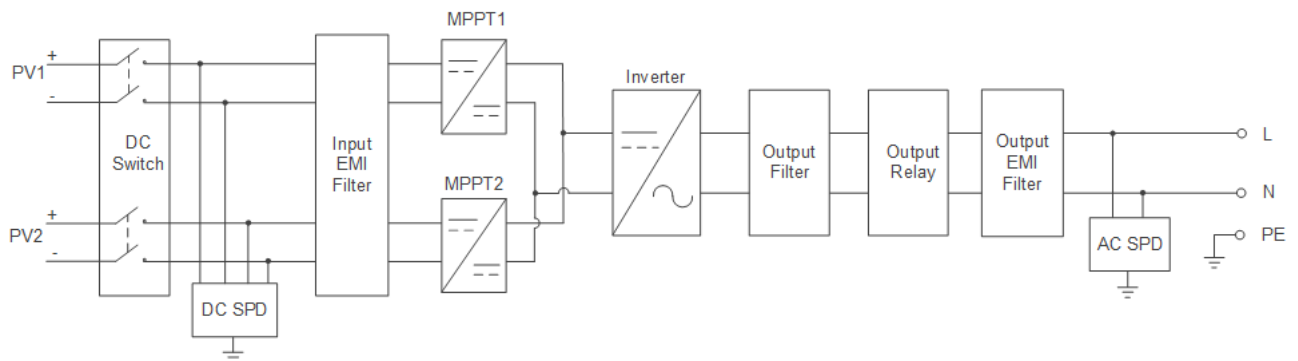
### Intelligent management

- Intelligent cloud platform monitoring, realizing one-key APP real-time monitoring
- Support RS485, GPRS, WIFI and other communication methods

### Green saving

- Small size, easy to install and use
- Natural cooling, ensuring low environmental noise
- Super-wide operating temperature range, adapt to extremely cold, high temperature areas

## Function Diagram





## Technical Specification

Items	SPI3000-B2	SPI3600-B2	SPI4000-B2	SPI4600-B2	SPI5000-B2	SPI6000-B2
<b>DC Input</b>						
Max. PV input voltage	600Vdc					
Rated input voltage	360Vdc					
Max. PV input current	22A					
No. of MPPTs	2					
No. of PV strings per MPPT	1/1					
MPPT voltage range	100Vdc~550Vdc					
Starting voltage	120Vdc					
<b>AC Output</b>						
Rated AC output power	3.0kW	3.6kW	4.0kW	4.6kW	5.0kW	6.0kW
Max. output power	3.3kW	3.96kW	4.4kW	5.06kW	5.5kW	6.0kW
Rated AC output voltage	220V/230Vac					
Rated output current	13.0A	15.7A	17.4A	20.0A	21.7A	26.0A
Max. output current	14.3A	17.2 A	19.1A	22.0 A	23.9 A	26.0 A
Rated grid frequency	50/60Hz					
Grid frequency range	45~55Hz/55~65Hz					
Power factor	>0.99 full load					
Adjustable power factor	0.8(leading)~0.8(lagging)					
THDI	<3% (nominal power)					
<b>Efficiency</b>						
Max. efficiency	98.10%					98.30%
European efficiency	97.70%					97.90%
<b>Protection</b>						
Anti-islanding	Yes					
DC reversed connection	Yes					
AC short circuit protection	Yes					
Temperature protection	Yes					
Surge protection	Yes					
PV fault detect	Yes					
DC switch	Yes					
<b>General</b>						
Dimensions (W×H×D)	360×420×125mm					
Weight	12.6kg					
IP grade	IP65					
Noise level	≤25 dB					
Self-consumption at night	<1W					
Cooling type	Natural cooling					
Altitude	4000m (>2000m derating)					
Operating temperature	-40°C~60°C (>45°C derating)					
Operating humidity	0~100%					
Display	LCD+LED					
Communication	RS485/WiFi (optional)/GPRS (optional)/DRM (Australia)					
DC terminal	H4 Terminal					
AC terminal	Plug and play connector					
Installation method	Wall-mounted					
Standard	NB/T32004,-2018, EN62109-1, EN62109-2, AS/NZS4777.2:2015, EN 61000-6-2, EN 61000-6-3, IEC 62116:2014, IEC 61727:2004, IEC 60068-2-1:2007, IEC 60068-2-2:2007, IEC60068-2-14:2009					

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# Three-phase On-grid String Inverter

SPI5K-B/SPI6K-B /SPI8K-B/SPI10K-B/SPI12K-B



## Product Features

### Efficient and flexible

- 2 independent MPPT, more generation
- Advanced control algorithms and high adaptation ability to the grid, improving the stability of power generation system

### Safe and reliable

- IP65 for outdoor application
- Integrated AC/DC full lightning protection
- Aluminum alloy die-casting integrated chassis, ensure 25 years full life circle running

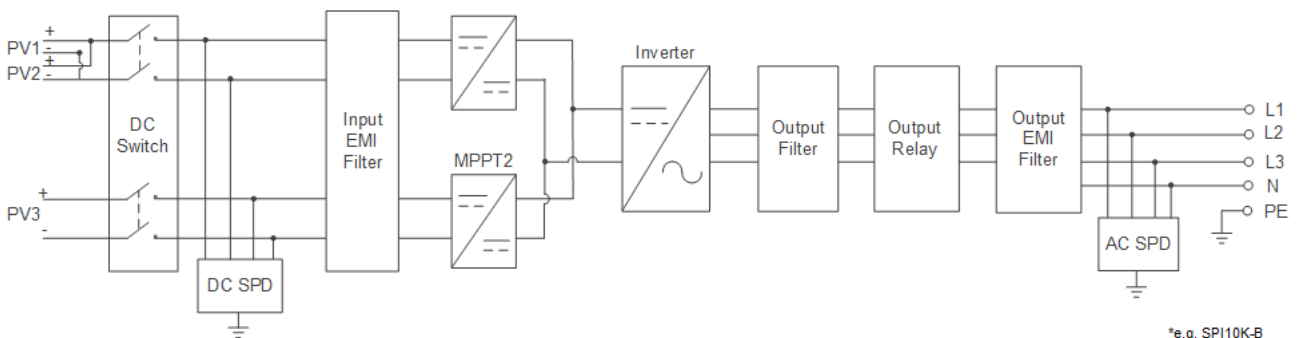
### Intelligent management

- I&V Intelligent diagnosis, accurate identification and positioning of abnormal PV panels
- Support RS485, Wifi, GPRS communication
- Remote online upgrade, convenient and efficient

### Grid friendly

- Grid-connected current harmonics <3%, green adapts to grid
- Ultra wide grid voltage range

## Function Diagram



## Technical Specification

Items	SPI5K-B	SPI6K-B	SPI8K-B	SPI10K-B	SPI12K-B
<b>DC Input</b>					
Max. PV input voltage	1000Vdc				
Rated PV voltage	600Vdc				
Max. PV input current	22A	22A	33A	33A	22A
No. of MPPTs	2	2	2	2	2
No. of PV strings per MPPT	1/1	1/1	2/1	2/1	1/1
MPPT voltage range	200Vdc~950Vdc				
Starting voltage	200Vdc				
<b>AC Output</b>					
Rated AC output power	5kW	6kW	8kW	10kW	12kW
Max. output power	5.5kW	6.6kW	8.8kW	11kW	13.2kW
Rated AC output voltage	380/400/415Vac				
Rated output current	7.3A	8.7A	11.6A	14.5A	17.4A
Max. output current	8.0A	9.6A	12.8A	15.9A	19.1A
Rated grid frequency	50Hz/60Hz				
Grid frequency range	45~55Hz/55~65Hz				
Power factor	>0.99 (full load)				
Adjustable power factor	0.8 (leading)~0.8 (lagging)				
THDi	<3% (rated power)				
<b>Efficiency</b>					
Max. efficiency	98.50%				
European efficiency	98.00%				
<b>Protection</b>					
Anti-islanding	Yes				
DC reversed connection	Yes				
AC short circuit protection	Yes				
Temperature protection	Yes				
Surge protection	Yes				
PV fault detect	Yes				
DC switch	Yes				
<b>General</b>					
Dimensions (W×H×D)	480×420×180mm				
Weight	23kg				
IP grade	IP65				
Noise level	<30dB				
Self-consumption at night	<1W				
Cooling type	Natural cooling				
Altitude	4000m (>3000m derating)				
Operating temperature	-25°C~+60°C (>45°C derating)				
Relative humidity	0~100%				
Display	LCD+LED				
Communication	RS485/WiFi (optional)/GPRS (optional)/DRM (Australia)				
DC terminal	H4 Terminal				
AC terminal	OT Terminal				
Installation method	Wall-mounted				
Standard	EN62109-1, EN62109-2, AS/NZS4777.2: 2015, EN 61000-6-2, EN 61000-6-3, IEC 62116:2014, IEC 61727: 2004, IEC 60068-2-1: 2007, IEC 60068-2-2: 2007, IEC60068-2-14: 2009, IEC61683 (ed.1)				

■ Specifications are subject to change without prior notice.



# Three-phase On-grid String Inverter

SPI12K-BL/SPI15K-B/SPI17K-B/SPI20K-B



## Product Features

### Efficient and flexible

- 2 independent MPPT, more generation
- Advanced control algorithms and high adaptation ability to the grid, improving the stability of power generation system

### Safe and reliable

- IP65 for outdoor application
- Integrated AC/DC full lightning protection
- All industrial grade electronic device, ensure 25 years full life circle running

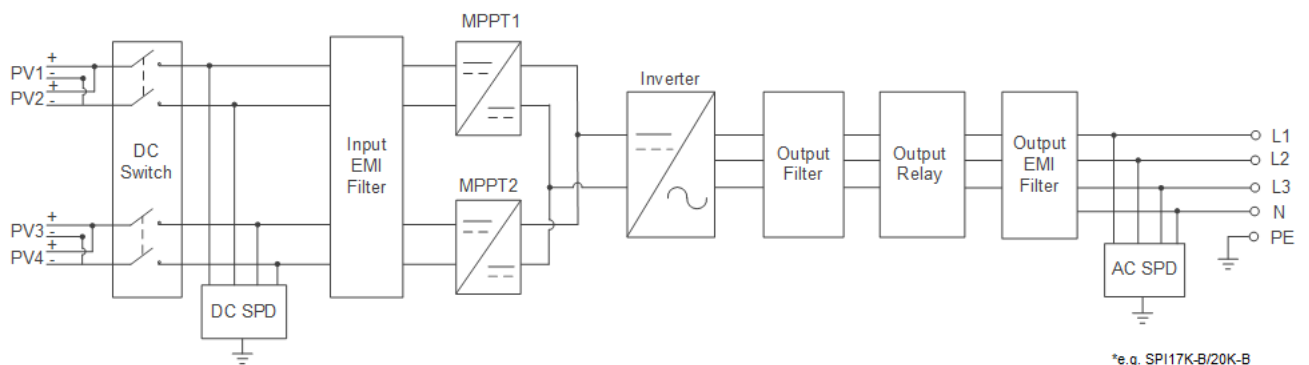
### Intelligent management

- I&V Intelligent diagnosis, accurate identification and positioning of abnormal PV panels
- Support RS485, Wifi, GPRS communication
- Remote online upgrade, convenient and efficient

### Grid friendly

- Grid-connected current harmonics <3%, green adapts to grid
- Ultra wide grid voltage range

## Function Diagram



## Technical Specification

Items	SPI12K-BL	SPI15K-B	SPI17K-B	SPI20K-B
<b>DC Input</b>				
Max. PV input voltage	1000Vdc			
Rated PV voltage	600Vdc			
Max. PV input current	44A	44A	44A	44A
No. of MPPTs	2	2	2	2
No. of PV strings per MPPT	2/2	2/2	2/2	2/2
MPPT voltage range	200Vdc~950Vdc			
Starting voltage	200Vdc			
<b>AC Output</b>				
Rated AC output power	12kW	15kW	17kW	20kW
Max. output power	13.2kW	16.5kW	18.7kW	22kW
Rated AC output voltage	380/400/415Vac			
Rated output current	17.4A	21.7A	24.6A	29.0A
Max. output current	19.1A	23.9A	27.1A	31.9A
Rated grid frequency	50Hz/60Hz			
Grid frequency range	45~55Hz/55~65Hz			
Power factor	>0.99 (full load)			
Adjustable power factor	0.8 (leading)~0.8 (lagging)			
THDi	<3% (rated power)			
<b>Efficiency</b>				
Max. efficiency	98.50%		98.60%	
European efficiency	98.00%		98.30%	
<b>Protection</b>				
Anti-islanding	Yes			
DC reversed connection	Yes			
AC short circuit protection	Yes			
Temperature protection	Yes			
Surge protection	Yes			
PV fault detect	Yes			
DC switch	Yes			
<b>General</b>				
Dimensions (W×H×D)	480×420×180mm			
Weight	25kg			
IP grade	IP65			
Noise level	<50dB			
Self-consumption at night	<1W			
Cooling type	Intelligent forced air cooling			
Altitude	4000m (>3000m derating)			
Operating temperature	-25°C~60°C (>45°C derating)			
Relative humidity	0~100%			
Display	LCD+LED			
Communication	RS485/WiFi (optional)/GPRS (optional)/DRM (Australia)			
DC terminal	H4 Terminal			
AC terminal	OT Terminal			
Installation method	Wall-mounted			
Standard	EN62109-1, EN62109-2, AS/NZS4777.2: 2015, EN 61000-6-2, EN 61000-6-3, IEC 62116:2014, IEC 61727: 2004, IEC 60068-2-1:2007, IEC 60068-2-2: 2007, IEC60068-2-14:2009, IEC61683 (ed.1)			

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# Three-phase On-grid String Inverter

SPI30K-B/SPI33K-B/SPI36K-B/SPI40K-B/SPI50K-B/SPI60K-B



## Product Features

### High efficient

- 3 level topology, maximum efficiency 99%
- 3/4 MPPT design

### Safe and reliable

- Outdoor IP65 design, no derating below 3000m altitude
- All industrial grade electronic device, ensure 25 years full life circle running.

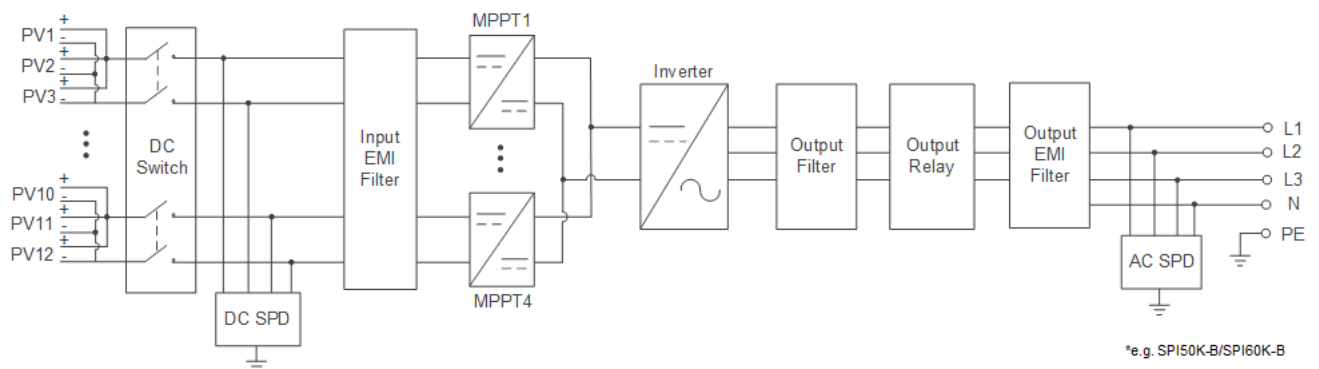
### Intelligent management

- Intelligent fault wave recording, quick failure analysis I&V, intelligent diagnosis, accurate identification and positioning of abnormal PV panels
- Intelligent online upgrade function, easy upgrade and maintain
- Support RS485, Wifi, GPRS communication

### Grid friendly

- Grid-connected current harmonics <3%, green adapts to grid
- Ultra wide grid voltage range

## Function Diagram





## Technical Specification

Items	SPI30K-B	SPI33K-B	SPI36K-B	SPI40K-B	SPI50K-B	SPI60K-B
<b>DC Input</b>						
Max. PV input voltage	1100Vdc					
Rated PV voltage	600Vdc					
Max. PV input current	60A	60A	60A	90A	120A	120A
No. of MPPTs	2	2	2	3	4	4
No. of PV strings per MPPT	3/3	3/3	3/3	3/3/3	3/3/3/3	3/3/3/3
MPPT voltage range	300Vdc~1000Vdc					
Starting voltage	350Vdc					
<b>AC Output</b>						
Rated AC output power	30kW	33kW	36kW	40kW	50kW	60kW
Max. output power	30kW	36.3kW	39.6kW	44kW	55kW	66kW
Rated AC output voltage	380/400/415Vac					
Rated output current	43.2A	47.6 A	52.0 A	57.8 A	72.2A	86.6A
Max. output current	47.6A	52.0A	57.7A	63.5A	79.4A	95.3A
Rated grid frequency	50Hz/60Hz					
Grid frequency range	45~55Hz/55~65Hz					
Power factor	>0.99 (full load)					
Adjustable power factor	0.8 (leading)~0.8 (lagging)					
THDi	<3% (rated power)					
<b>Efficiency</b>						
Max. efficiency	98.50%	98.52%	98.70%	98.80%	99.00%	99.00%
European efficiency	98.30%	98.30%	98.30%	98.30%	98.40%	98.45%
<b>Protection</b>						
Anti-islanding	Yes					
DC reversed connection	Yes					
AC short circuit protection	Yes					
Temperature protection	Yes					
Surge protection	Yes					
PV fault detect	Yes					
DC switch	Yes					
<b>General</b>						
Dimensions (W×H×D)	600×860×294mm					
Weight	65kg					
IP grade	IP65					
Noise level	<65dB					
Self-consumption at night	<1W					
Cooling type	Intelligent forced air cooling					
Altitude	3000m (>3000m derating)					
Operating temperature	-25°C~60°C (>45°C derating)					
Relative humidity	0~100%					
Display	LCD+LED					
Communication	RS485/WiFi (optional)/GPRS (optional)					
DC terminal	H4 Terminal					
AC terminal	OT Terminal					
Installation method	Wall-mounted					
Standard	EN62109-1, EN62109-2, EN 61000-6-4, UTE C15-712-1, IEC61727, IEC62116					

■ Specifications are subject to change without prior notice.

# Three-phase On-grid String Inverter

## SPI50K-BHV/SPI60K-BHV



### Product Features

#### High efficient

- Tri-level circuit topology, maximum conversion efficiency 98.8%
- Multi-MPPT design, strong complex installation environment adaptability
- 45°C 1.1 times the long-term overload

#### Safe and reliable

- Outdoor NEMA 4X design, no derating below 3000m altitude
- IP68 intelligent fan, low temperature rise, long life
- PID protective function, avoid electrical shock

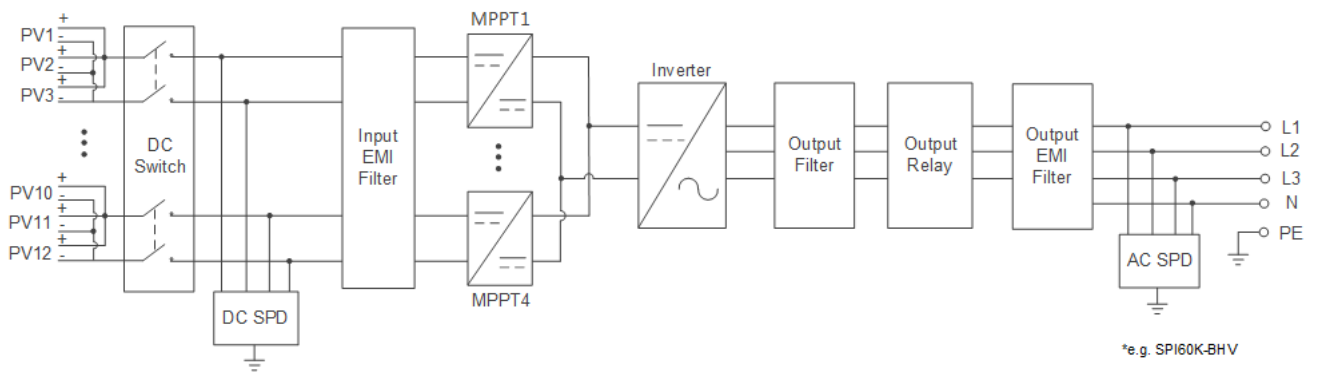
#### Intelligent management

- Intelligent fault wave recording, quick failure analysis
- I&V Intelligent diagnosis, accurate identification and positioning of abnormal PV panels
- Intelligent online upgrade function, easy upgrade and maintain
- Support RS485, PLC and other communication

#### Grid friendly

- Grid-connected current harmonics <3%, green adapts to grid
- Ultra wide grid voltage range, with H/LVRT function

### Function Diagram



## Technical Specification

Items	SPI50K-BHV	SPI60K-BHV
<b>DC Input</b>		
Max. PV input voltage	1100Vdc	
Rated PV voltage	710Vdc	740Vdc
Max. PV input current	100A	120A
No. of MPPTs	4	
No. of PV strings per MPPT	3/3/3/3	
MPPT voltage range	300~950V	
Starting voltage	350Vdc	
<b>AC Output</b>		
Rated AC output power	50kW	60kW
Max. output power	55kW	66kW
Rated AC output voltage	480Vac	
Rated output current	60.1A	66A
Max. output current	66.2A	79A
Rated grid frequency	50Hz/60Hz	
Grid frequency range	45~55Hz/55~65Hz	
Power factor	>0.99 (full load)	
Adjustable power factor	0.8 (leading)~0.8 (lagging)	
THDi	<3% (rated power)	
<b>Efficiency</b>		
Max. efficiency	99.00%	
CEC efficiency	98.49%	
<b>Protection</b>		
Anti-islanding	Yes	
DC reversed connection	Yes	
AC short circuit protection	Yes	
Temperature protection	Yes	
Surge protection	Yes	
PV fault detect	Yes	
DC switch	Yes	
<b>General</b>		
Dimensions (W×H×D)	600×1000×273mm	
Weight	75kg	
IP grade	NEMA 4X	
Noise level	<65dB	
Self-consumption at night	<1W	
Cooling type	Intelligent forced air cooling	
Altitude	3000m (>3000m derating)	
Operating temperature	-25°C~60°C (>45°C derating)	
Relative humidity	0~100%	
Display	LCD+LED	
Communication	Ethernet/RS485/WiFi (optional) /GPRS (optional)	
DC terminal	H4 Terminal	
AC terminal	OT Terminal	
Installation method	Wall-mounted	
Standard	UL1741:2010, IEEE 1547:2003, IEEE 1547A:2014 IEEE 1547.1:2005 UL1699B, UL 62109-1, CAS C22.2#107.1:2016	

■ Specifications are subject to change without prior notice.



# 1100V Three-phase On-grid String Inverter

## SPI100K-B/SPI125K-B



### Product Features

#### High efficient

- Advanced three-level technology max. efficiency 98.8%
- 9~12 MPPTs design, compatible with bifacial PV panel
- Anti-PID and PID recovery function

#### System optimization

- DC 2 in 1 connection enabled and compatible with AI AC cables
- PLC communication optional, save cable investment
- Night SVG and quick response

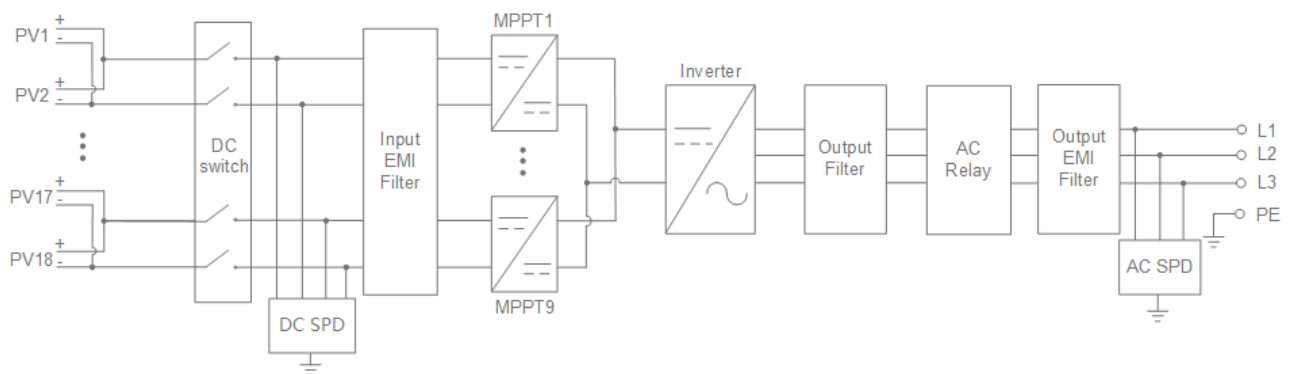
#### Safe and reliable

- IP66 and C5 anti-corrosion grade, intelligent fan with IP68 protection
- Redundant power supply by AC and DC
- Built-in AC / DC SPD protection

#### Intelligent management

- Intelligent I-V and fault wave recording, quick failure analysis
- Smart online upgrade, easy for system maintenance
- Capacitor detection and life prediction reduce the failure risk

### Function Diagram



## Technical Specification

Items	SPI100K-B	SPI125K-B
<b>DC Input</b>		
Max. PV input voltage	1100Vdc	
Max. PV input current	270A (30A×9)	
No. of MPPTs	9 (10~12 optional)	
No.of PV strings per MPPT	2	
MPPT voltage range	250Vdc~1000Vdc	
Starting voltage	250Vdc	
MPPT efficiency	99.90%	
<b>AC Output</b>		
Rated AC output power	100kW	125kW
Max. output power	110kVA	125kVA
Rated AC output voltage	400Vac	
Rated output current	144.3A	180.4A
Max. output current	158.8A	180.4A
Rated grid frequency	50/60Hz	
Grid frequency range	45~55Hz/55~65Hz	
Power factor	>0.99 (rated power)	
Adjustable power factor	+0.8~-0.8	
THDi	<3% (rated power)	
<b>Efficiency</b>		
Max. efficiency	98.80%	
European efficiency	98.40%	
<b>Protection</b>		
Anti-islanding	Yes	
DC reversed connection	Yes	
AC short circuit protection	Yes	
Temperature protection	Yes	
Surge protection	Yes	
PV fault detect	Yes	
DC switch	Yes	
Anti-PID and PID recovery function	Optional	
<b>General</b>		
Dimensions (W×H×D)	1100×760×361mm	
Weight	93kg	95kg
IP grade	IP66	
Self-consumption at night	<2W	
Cooling type	Intelligent forced air cooling	
Altitude	5000m (>4000m derating)	
Operating temperature	-35~60°C	
Relative humidity	0~100%	
Display	LED+WIFI (APP)	
Communication	RS485/WIFI (optional)/GPRS (optional)	
DC terminal	Amphenol H4	
AC terminal	OT/DT Terminal	
Installation method	Wall-mounted	
Standard	NB/T 32004-2018, GB/T 37408-2019, IEC62109-1, IEC62109-2, IEC61727, IEC62116, IEC61683, EN 50549	

■ Specifications are subject to change without prior notice.

# 1500V Three-phase On-grid String Inverter

## SPI250K-B-H



## Product Features

### High efficient

- Advanced three-level technology max. efficiency 99.02%
- 12 MPPT design, Compatible with bifacial PV panel
- Anti-PID and PID recovery function

### System optimization

- DC 2 in 1 connection enabled and compatible with AI AC cables
- Support PLC communication, save cable investment
- Support night SVG and quick response

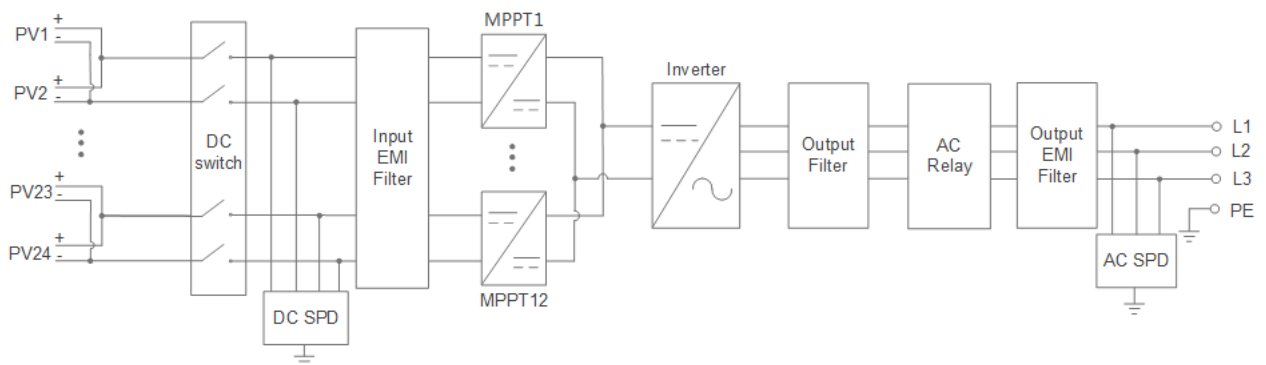
### Safe and reliable

- IP66 and C5 anti-corrosion grade, intelligent fan with IP68 protection
- Redundant power supply by AC and DC
- Built-in AC / DC SPD protection

### Intelligent management

- Intelligent I-V and fault wave recording, quick failure analysis
- Smart online upgrade, easy for system maintenance
- Capacitor detection and life prediction reduce the failure risk

## Function Diagram



## Technical Specification

Items	SPI250K-B-H
<b>DC Input</b>	
Max. PV input voltage	1500Vdc
Rated PV voltage	1050Vdc
Max. PV input current	360A (30A×12)
No. of MPPTs	12
No. of PV strings per MPPT	2
MPPT voltage range	500Vdc~1500Vdc
Starting voltage	550Vdc
<b>AC Output</b>	
Rated AC output power	250kW@30°C, 225kW@40°C, 200kW@50°C
Max. output power	250kW
Rated AC output voltage	800Vac
Rated output current	180.4A
Max. output current	180.4A
Rated grid frequency	50Hz/60Hz
Grid frequency range	45~55Hz/55~65Hz
Power factor	>0.99
Adjustable power factor	0.8 (leading)~0.8 (lagging)
THDi	<3% (rated power)
<b>Efficiency</b>	
Max. efficiency	99.02%
European efficiency	98.80%
<b>Protection</b>	
Anti-islanding	Yes
DC reversed connection	Yes
AC short circuit protection	Yes
Temperature protection	Yes
Surge protection	Yes
PV fault detect	Yes
DC switch	Yes
<b>General</b>	
Dimensions (W×H×D)	1100×760×361mm
Weight	99kg
IP grade	IP66
Self-consumption at night	<2W
Cooling type	Intelligent forced air cooling
Altitude	3000m (>3000m derating)
Operating temperature	-35~60°C
Relative humidity	0~100%
Display	LED+WIFI (APP)
Communication	RS485 (standard)/PLC (optional)/Ethernet/WIFI/GPRS (optional)
DC terminal	H4 Terminal
AC terminal	OT/DT Terminal
Installation method	Wall-mounted
Standard	IEC62109-1, IEC62109-2, EN 61000-6-2, EN 61000-6-4, IEC61683, EN 50530, EC61727, IEC62116, IEC60529, IEC60068, EN50549-2, BDEW, VDE0126, CEA, CEI0-16

■ Specifications are subject to change without prior notice.

# Distributed Energy Monitoring and Management System



## Product Features

### Security of assets

- 7x24 hours uninterrupted monitoring, ensure the safety

### Intelligent and flexible

- Compatible with multiple communication interfaces and protocols to meet the needs of multiple scenarios
- Push alarms and faults in time to improve work efficiency

### Efficient operation and maintenance

- Quickly locate abnormal strings and faulty devices to improve the efficiency of operation and maintenance

### Assisting decision-making

- Equipment type, personnel cost, financing risk assessment

## Function List

Key Function	Monitoring System	Production Management System	APP
KPI of power station		•	
Compare report management		•	
PR analysis		•	
Configuration management		•	
String intelligent analysis.		•	
Power station asset management.		•	
Remote expert diagnosis		•	
Defect management		•	
Checking management		•	
Sub-station asset management		•	•
Inverter monitoring	•		•
Combiner box	•		•
Strings monitoring	•		•
Weather station monitoring	•		

- Specifications are subject to change without prior notice.



# WiseSolar - Mobile APP



## Product Features

### Smart and convenient

- Flexible access
- Cloud data support
- Timely alarm fault information

### Safe and reliable

- 7x24 hours uninterrupted monitoring, ensure the safety
- Data redundancy backup to ensure data security

### Simple operation

- Process is simple, mobile phone can complete the onsite monitoring
- Data visualization, graphs are simple and easy to understand

## Function List

Basic Parameters	
Supported language	Chinese/English
Supported OS	Android/iOS
Key Functions	
Power station overview	Power station real-time operation state, current generation power, cumulative power
Devices overview	Displays the status of the running devices
History log	Daily, weekly, monthly, total power generation, etc.
Event log	Display all warning, notice, check the power station notice, etc
Power station edit	Can add power station, add device, remove power station and soon.
User management	Personal information, user registration, user login, user exit, etc.
Protection	Overtemperature, overcurrent, short circuit, lightning protection, etc.

■ Specification indexes may be subject to changes without further notice.

# **2** **References**

**24 - Ground Power Plant**

**25 - Industrial and Commercial Roof PV Project**

**26 - Residential PV Project**

**27 - Special Application**





# Ground Power Plant



Distributed PV Power System for the Farm in Madera, USA



PV Power Plant in Korea

# Industrial and Commercial Roof PV Project



Jinjiang Jinjing Town Factory Roof Project, China



2MW Rooftop Distributed PV Power Plant of Factories in Bangkok, Thailand



# Industrial and Commercial Roof PV Project



Double Decker Rooftop PV Project in San Francisco, USA

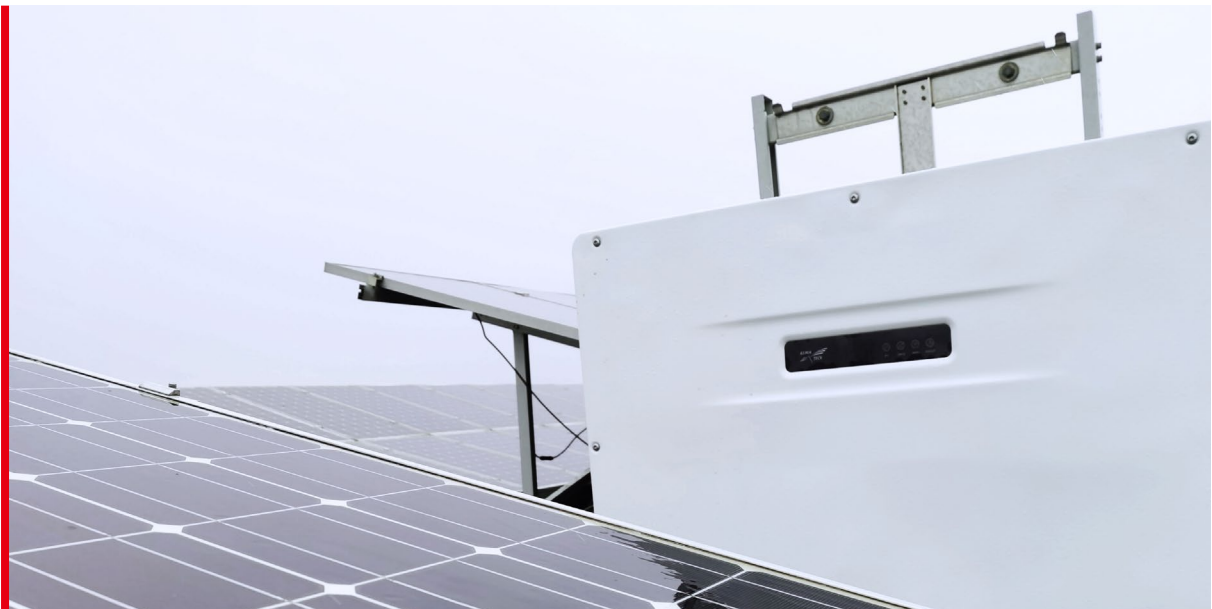


Atlantic County Government Office Rooftop System in New Jersey, USA

## Industrial and Commercial Roof PV Project



1MW Roof Distributed PV Power Station Project in Vietnam



Roof Distributed PV Power Project, China



# Residential PV Project



Residential PV Project in Poland



Residential Rooftop PV Project in Australia

## Special Application



Distributed PV Power Station for the Parking in San Marcos, USA



Distributed PV Power Station for the Parking in Ningxia, China



## Reliable • Flexible • Responsible

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