



## Poly-crystalline Solar Module

SPSM-180P、190P、200P

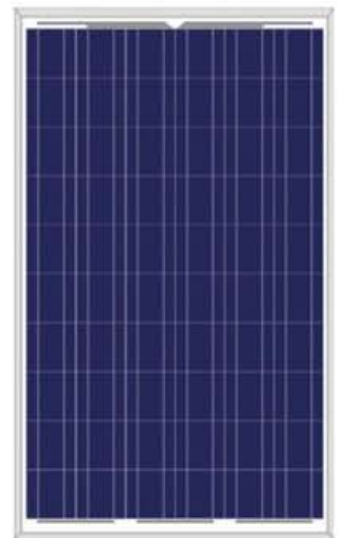
Typical Data at Standard Test Condition (STC)

STC: T=25° C AM=1.5 E=1000W/m<sup>2</sup>

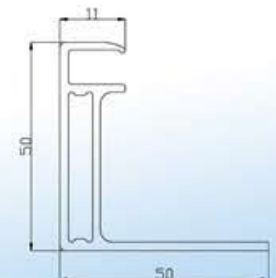
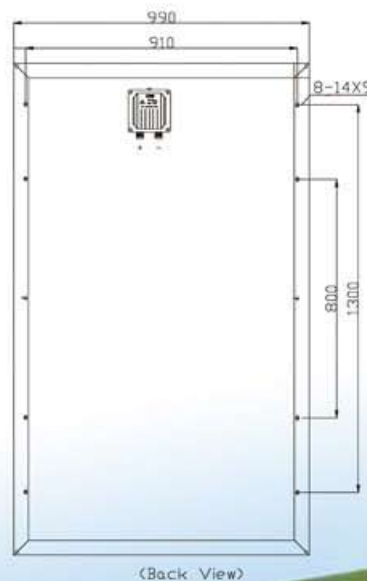
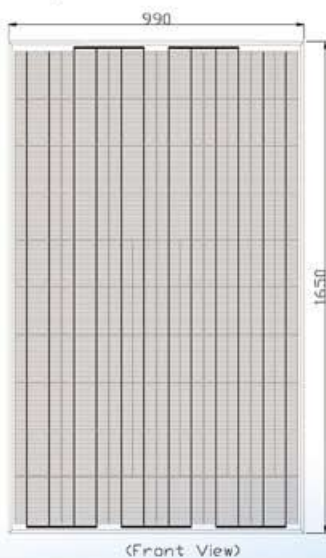
Type	SPSM-180P	SPSM-190P	SPSM-200P
Peak Power(Pm)	180W	190W	200W
Open Circuit Voltage(Voc)	29.088V	35.94V	36V
Short Circuit Current(Isc)	7.86A	7.52A	7.52A
Maximum Power Voltage(Vmp)	24.192V	28.74V	28.75V
Maximum Power Current(Imp)	7.44A	6.61A	6.96A
Maximum System Voltage	1000V	1000V	1000V
Working Temperature	-40°C – +90°C	-40°C – +90°C	-40°C – +90°C
Dimension(A×B×C)	1316×996×50mm	1650×990×50mm	1650×990×50mm
Weight	16.5kg	19kg	19kg
Cell	Poly-crystalline silicon solar cell 156mm×156mm	Poly-crystalline silicon solar cell 156mm×156mm	Poly-crystalline silicon solar cell 156mm×156mm
NO. of cells and connections	48(6×8)	60 (6×10)	60 (6×10)
Product Authentication			

### Temperature and Coefficients

NOCT	46°C ± 2°C	
Current temperature coefficient	%/K	0.08
Voltage temperature coefficient	%/K	- 0.36
Power temperature coefficient	%/K	- 0.51



### Blueprint of the module





## Poly-crystalline Solar Module

### SPSM-220P、230P、235P

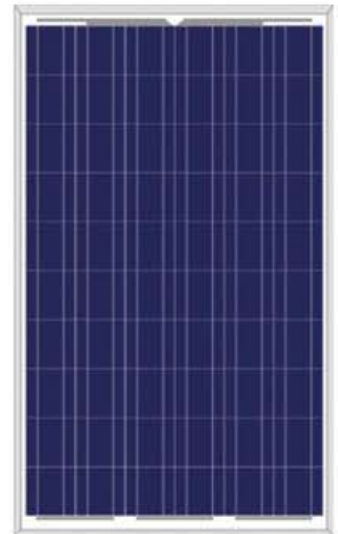
Typical Data at Standard Test Condition (STC)

STC: T=25° C AM=1.5 E=1000W/m<sup>2</sup>

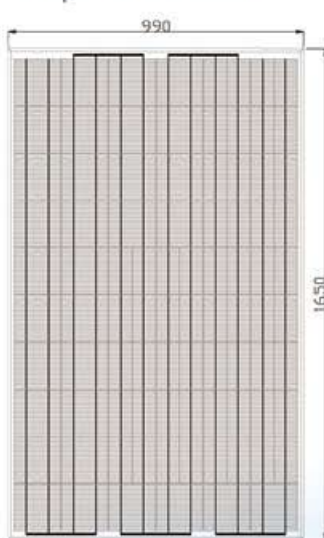
Type	SPSM-220P	SPSM-230P	SPSM-235P
Peak Power(Pm)	220W	230W	235W
Open Circuit Voltage(Voc)	36.24V	36.36V	37.08V
Short Circuit Current(Isc)	7.77A	7.90A	8.34A
Maximum Power Voltage(Vmp)	29.94V	30.36V	30.68V
Maximum Power Current(Imp)	7.35A	7.58A	7.66A
Maximum System Voltage	1000V	1000V	1000V
Working Temperature	-40℃ - +90℃	-40℃ - +90℃	-40℃ - +90℃
Dimension(A×B×C)	1650×990×50mm	1650×990×50mm	1650×990×50mm
Weight	19kg	19kg	19kg
Cell	Poly-crystalline silicon solar cell 156mm×156mm	Poly-crystalline silicon solar cell 156mm×156mm	Poly-crystalline silicon solar cell 156mm×156mm
NO. of cells and connections	60 (6×10)	60 (6×10)	60 (6×10)

### Temperature and Coefficients

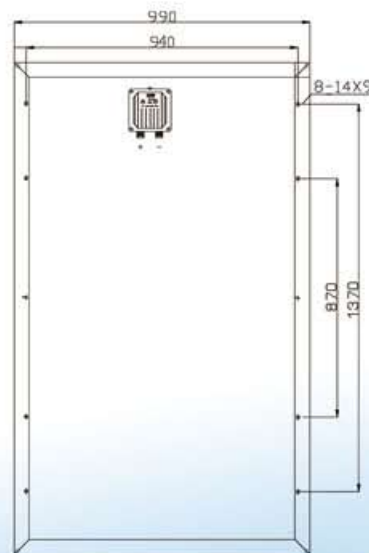
NOCT	47℃ ± 2℃	
Current temperature coefficient	%/K	0.04
Voltage temperature coefficient	%/K	- 0.30
Power temperature coefficient	%/K	- 0.44



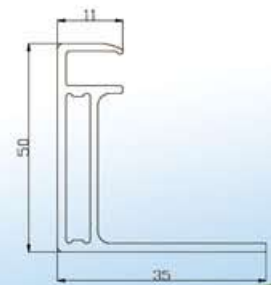
Blueprint of the module



(Front View)



(Back View)





## Poly-crystalline Solar Module

SPSM-235P、240P、250P

Typical Data at Standard Test Condition (STC)

STC: T=25° C AM=1.5 E=1000W/m<sup>2</sup>

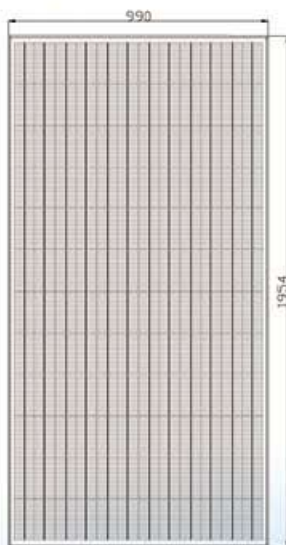
Type	SPSM-235P	SPSM-240P	SPSM-250P
Peak Power(Pm)	235W	240W	250W
Open Circuit Voltage(Voc)	43.13V	43.2V	43.21V
Short Circuit Current(Isc)	7.52A	7.52A	7.63A
Maximum Power Voltage(Vmp)	34.49V	34.5V	35.5V
Maximum Power Current(Imp)	6.81A	6.96A	7.04A
Maximum System Voltage	1000V	1000V	1000V
Working Temperature	-40℃ - +90℃	-40℃ - +90℃	-40℃ - +90℃
Dimension(A×B×C)	1954×990×50mm	1954×990×50mm	1954×990×50mm
Weight	23kg	23kg	23kg
Cell	Poly-crystalline silicon solar cell 156mm×156mm	Poly-crystalline silicon solar cell 156mm×156mm	Poly-crystalline silicon solar cell 156mm×156mm
NO. of cells and connections	72(6×12)	72(6×12)	72(6×12)

### Temperature and Coefficients

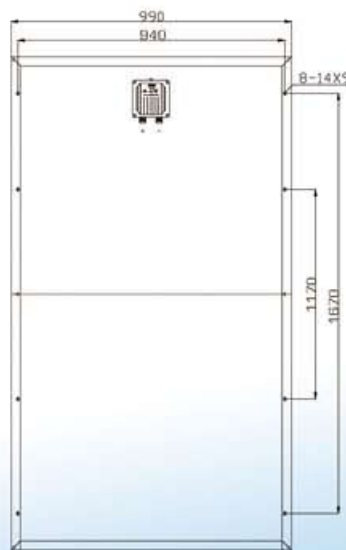
NOCT	47℃ ± 2℃	
Current temperature coefficient	%/K	0.04
Voltage temperature coefficient	%/K	- 0.30
Power temperature coefficient	%/K	- 0.44



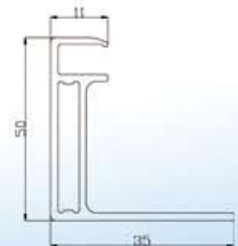
Blueprint of the module



(Front View)



(Back View)





## Poly-crystalline Solar Module

SPSM-260P、270P、280P

Typical Data at Standard Test Condition (STC)

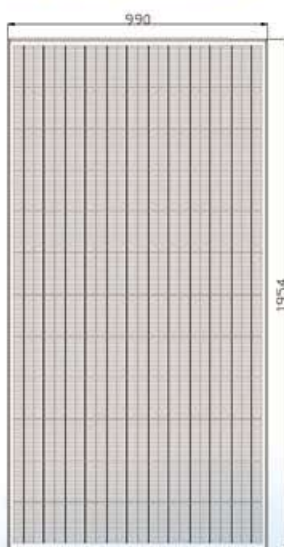
STC: T=25° C AM=1.5 E=1000W/m<sup>2</sup>

Type	SPSM-260P	SPSM-270P	SPSM-280P
Peak Power(Pm)	260W	270W	280W
Open Circuit Voltage(Voc)	43.49V	43.63V	43.78V
Short Circuit Current(Isc)	7.77A	7.86A	7.93A
Maximum Power Voltage(Vmp)	35.93V	36.29V	36.58V
Maximum Power Current(Imp)	7.24A	7.44A	7.65A
Maximum System Voltage	1000V	1000V	1000V
Working Temperature	-40℃ - +90℃	-40℃ - +90℃	-40℃ - +90℃
Dimension(A×B×C)	1954×990×50mm	1954×990×50mm	1954×990×50mm
Weight	23kg	23kg	23kg
Cell	Poly-crystalline silicon solar cell 156mm×156mm	Poly-crystalline silicon solar cell 156mm×156mm	Poly-crystalline silicon solar cell 156mm×156mm
NO. of cells and connections	72(6×12)	72(6×12)	72(6×12)

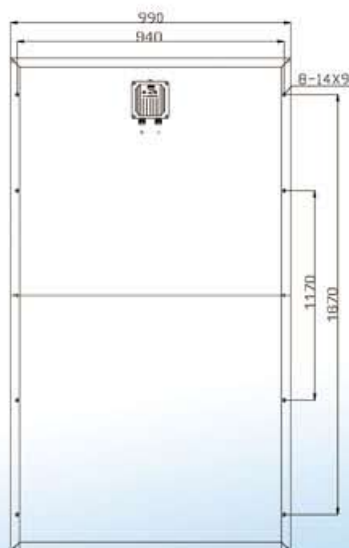
NOCT	47℃ ± 2℃	
Current temperature coefficient	%/K	0.04
Voltage temperature coefficient	%/K	- 0.30
Power temperature coefficient	%/K	- 0.44



Blueprint of the module



(Front View)



(Back View)

