

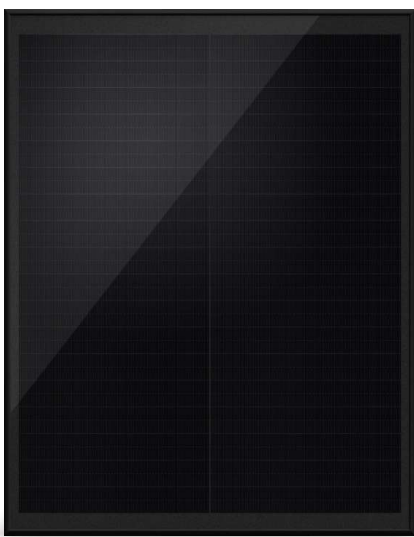
# FULL -BLACK MONO PERC SHINGLED MODULE



## SJP200M-24 ~SJP210M-24

Within the mini shing led module, standard solar cells are cut into narrower slices and combined into string s of cells; then, these string s are combined in parallel. By cutting cells , the smaller currents will help reduce "Cell to Module" loss, which means hig her output. The innovative shing led solar module technology eliminates the need for the internal ribbon soldering and smaller branch current, therefore the internal resistance is lower, causing the efficiency of the modules increased. The unique parallel design n reduces the hot-spot effect sig ni cantly, and the gorgeous aesthetic design will bring to you perfect visual enjoyment.

### SJP200M-24~SJP210M-24



### Features



#### TECHNOLOGY

Technology provides ultra -high efficiency  
Maximizes installation capacity in limited space.



#### BEAUTIFUL APPEARANCE

Cells are evenly arranged, pleasing to the eye.



#### ENHANCED WEATHER RESISTANCE

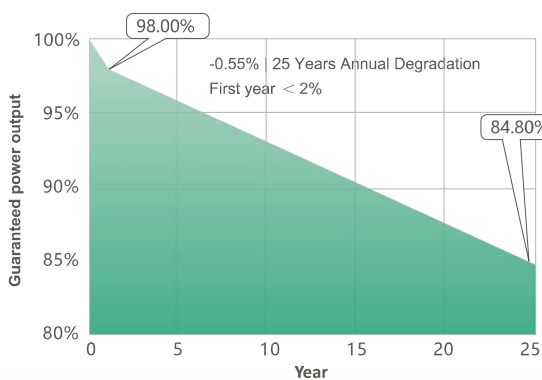
Avoid the microcrack of cells caused  
by traditional welding process;  
Modules are flexible and compressive resistance;  
Suitable for all harsh environments.



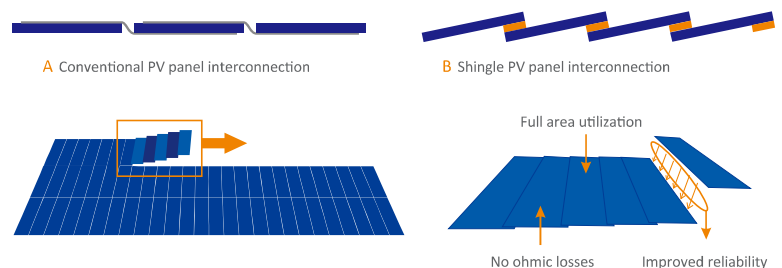
#### REDUCE SYSTEM COST

High module efficiency reduces floor space effectively,  
BOS, transportation and maintenance costs

### Decay Curve



### Layout

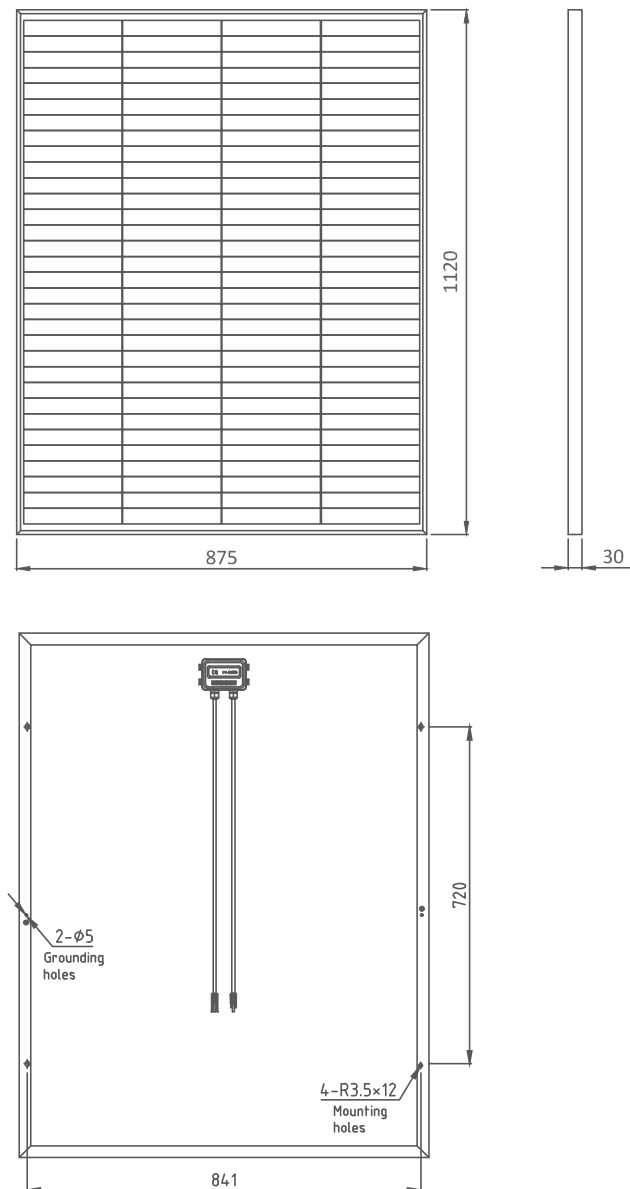


# SJP200M-24 ~SJP210M-24



## Drawing

Unit:mm



With the technical progress and product updates, there exists a deviation between the technical parameter of the SUNJETPOWER's future products and the technical parameter in this specification. The SUNJETPOWER reserves the right to adjust the technical parameter at any time without notifying the customers. SUNJETPOWER reserves the final right of interpretation.

## Electrical Characteristics At Standard Test Conditions(STC)

Module Type:	SJP200M-24	SJP210M-24
Maximum Power-Pm [W]	200.00	210.00
Open Circuit Voltage-Voc [V]	43.54	43.78
Short Circuit Current-Isc [A]	5.82	6.07
Maximum Power Voltage-Vm [V]	36.28	36.48
Maximum Power Current-Im [A]	5.52	5.76

## Electrical Characteristics At NMOT

	SJP200M-24	SJP210M-24
Maximum Power-Pm [W]	150.77	158.31
Open Circuit Voltage-Voc [V]	41.51	41.74
Short Circuit Current-Isc [A]	4.69	4.89
Maximum Power Voltage-Vm [V]	34.59	34.78
Maximum Power Current-Im [A]	4.30	4.49

1. Standard Test Conditions (STC): irradiance 1000 W/m<sup>2</sup>; AM 1.5; ambient temperature 25°C according to EN 60904-3;  
2. Nominal Module Operating Temperature (NMOT): Irradiance 800W/ m<sup>2</sup>; wind speed 1m/s; ambient temperature 20°C.  
3. Tolerance of Pm: 0~+5W, Measuring uncertainty of power: ±3%. Performance deviation of Voc [V], Isc [A], Vm [V] and Im [A]: ±3%.

## Mechanical Characteristics

Dimensions	1120*875*30mm
Weight	9.5 kgs
Front Glass	3.2mm tempered glass
Cells	210*35mm Monocrystalline PERC cells(4*32)
Back Sheet	High weatherability backsheet
Frame	Anodized aluminum alloy
Junction Box	IP67 Rated,two diodes
Cable	900mm,2*4mm <sup>2</sup>
Connector	Compatible with MC4
Maximum System Voltage	750V DC(IEC)

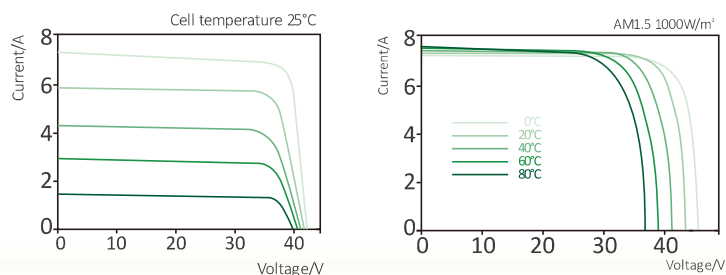
## Temperature Characteristics

NMOT	42.3 °C ±(2°C)
Temperature Coefficient of Voc	-0.27% /°C
Temperature Coefficient of Isc	0.04% /°C
Temperature Coefficient of Pm	-0.34%/°C

## Maximum Ratings

Maximum System Voltage [V]	750V DC(IEC)
Series Fuse Rating [A]	10
Maximum Surface Load Capacity [Pa]	5,400
Temperature Range [°C]	- 40~+ 85

## I-V Curve (SJP200M-24)



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