

# Datablad for JS 185 W monokrystallinsk solcellepanel

Ulica Solar 185(34)D UL800

## Performance

<b>Rated Power</b>	185W
<b>Tolerance</b>	±3%
<b>Guaranty</b>	Five-year Warranty; 80% power output over 25 years.

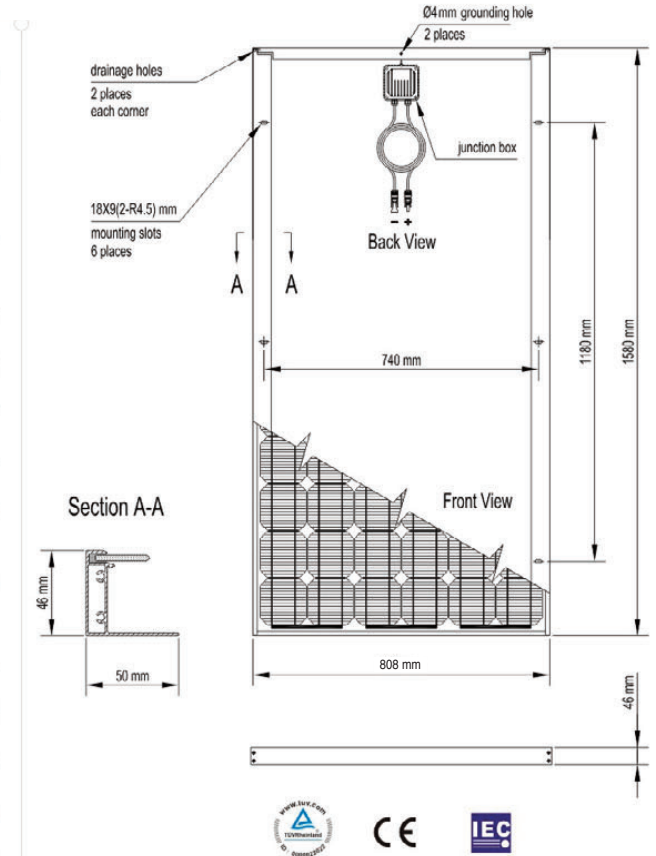
## Mechanical Characteristics

<b>Dimension</b>	1580x808x46mm
<b>Tolerance</b>	±2mm
<b>Weight</b>	17kg
<b>Frame</b>	Aluminum Alloy Frame
<b>Solar Cells</b>	72pcs. of 125 mm×125 mm mono-crystalline silicon solar cells

## Electrical Characteristics

<b>Pmax</b>	185W
<b>Vmp</b>	35.6
<b>Imp</b>	5.20
<b>Isc</b>	35.6
<b>Voc</b>	44.6
<b>NOCT</b>	5.68
<b>Cell Efficiency</b>	17.3%
<b>Module Efficiency</b>	14.5%
<b>Temperature Coefficient of Isc</b>	(0.050±0.015)%/°C
<b>Temperature Coefficient of Voc</b>	-(0.35±0.05)%/°C
<b>Temperature Coefficient of Pmax</b>	-(0.45±0.05)%/°C
<b>Maximum System Voltage</b>	1000V DC

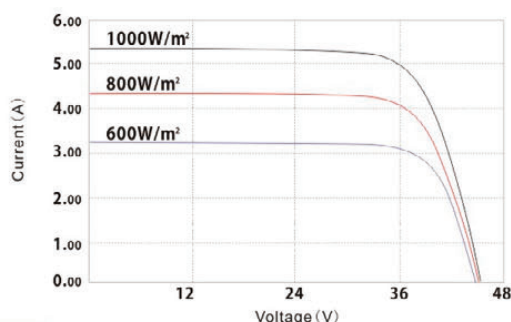
STC: irradiance: 1000W/m<sup>2</sup>; solar spectrum: AM1.5; cell temperature: 25°C.



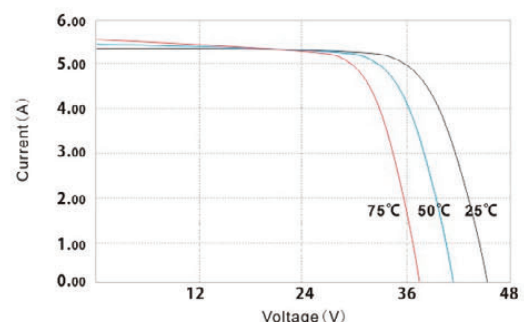
## Advantages:

- ◆ Using high quality tempered glass & aluminum frame
- ◆ Unique process to make modules resistant against wind & snow
- ◆ Convenient installation
- ◆ Design & Packaging according to customer's demand
- ◆ 25-year guarantee of output power

## I-V Curves of 185(34)D UL800



I-V Curves at different irradiance



I-V Curves at different temperature