

Solar Tile Series

—— **34W** 

All Black Bifacial Solar Tile

▼ **Characteristic**

- **Energy Storage Optional**
Energy storage system optional,
according to requirements
- **Power Output Guarantee**
30 years power generation guarantee
- **Safety**
Lighter but stronger, best solution for
the waterproof roof top
- **Architectural Aesthetics**
Customized tile shapes and colors to
match the design of the house
- **Integral Design**
Satisfied your needs for whole
residential roof to photovoltaic power station
- **Easy to Install**
Install like traditional tiles, no
additional brackets, no need to damage the roof



● Technical Parameter

Electrical Characteristics(STC)

Maximum Power (Pmax/W)	34W(0~+3%)
Open Circuit Voltage (Voc/V)	4.05V(+3%)
Short Circuit Current (Isc/A)	9.81A(+3%)
Voltage at Maximum Power (Vmp/V)	3.42V(+3%)
Current at Maximum Power (Imp/A)	9.07A(-3%)

Mechanical Parameters

Cell Orientation	Monocrystalline PERC Cells166x166mm
Junction box	IEC Certified (IEC62790), IP67,1 Diode
Output Cable	Symmetrical Length (-)500mm AND(+)500mm 4mm ²
Glass	3.2mm High Transmassion Antireflection Coating Toughened Glass
Frame	No Frame
Weight	4.0kg(+5%)
Dimension	390 x 550 x 30mm

Operating Parameters

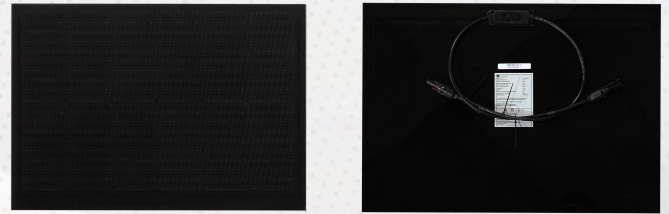
Operational Temperature	-40°C ~ +85°C
Power Output Tolerance	0 ~ 3%
Voc and Isc Tolerance	±3%
Maximum System Voltage	DC1500V (IEC/UL)
Maximum Series Fuse Rating	20A
Nominal Operating Cell Temperatureg	45±2°C
Protection Class	Class II
Fire Rating	IEC Class C

Mechanical Loading

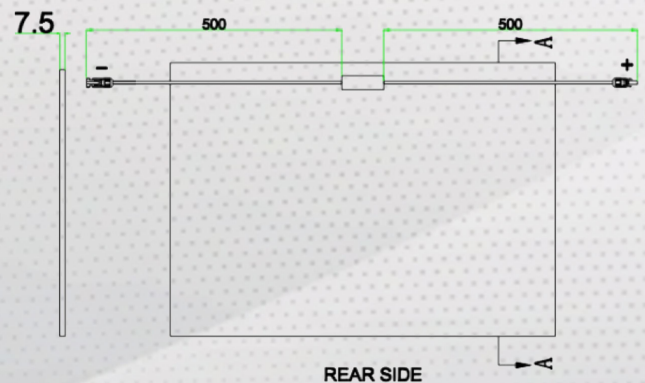
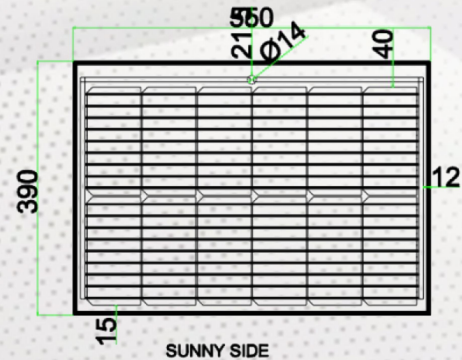
Front Side Maximum Static Loading	5400Pa
Rear Side Maximum Static Loading	2400Pa
Hailstone Test	25mm Hailstone at the speed of 23m/s

Temperature Ratings (STC)

Temperature Coefficient of Isc	+0.050%/°C
Temperature Coefficient of Voc	-0.230%/°C
Temperature Coefficient of Pmax	-0.290%/°C



Dimensions(Units:mm)



Warranty

- 12 Years Warranty for Materials And Processing
- 30 Years Warranty for Extra Linear Power Output