

Flat Solar Solar Tile with Aluminum Frame

Features of Flat Solar Tile with Aluminum Frame

1. Adapting PERC mono-crystalline silicon cells, the current mass-produced PERC cells have a photoelectric conversion efficiency of up to 23.5%
2. Simple and fashionable design with wide applicability.
3. Composite integrated design drainage, ventilation and heat insulation.
4. 3.2mm+3.2mm double-layer high-transmittance tempered glass structure, the upper surface has a high impact resistance of 5,400 Pa
5. Specially designed to be waterproof to withstand harsh weather.
6. Innovative product structure achieves convenient and quick installation.
7. The overall roof design perfectly matches the architecture.
8. Produce green energy and reduce carbon emissions

	NST-95	NST-80
Color	Black	Red
Maximum Power [W]	95	80
Maximum Power Tolerance [W]	0/+2	0/+2
Open Circuit Voltage [V]	27.1	26.8
Short Circuit Current [A]	4.05	3.64
Maximum Power Point Voltage [V]	23.58	23.58
Maximum Power Point Current [A]	6.18	5.65
Weight per pc. [kg]	12 (±0.5)	12 (±0.5)
Thickness [mm]	21(±1)	21(±1)
Dimension L*W*H [mm]	1460*435*21(±1)	1460*435*21(±1)
Maximum System Voltage [V]	1,000	1,000
Maximum Fuse Rating [A]	25	25
Front plate	Super white tempered embossing	Super white tempered embossing
Back plate	Super white tempered embossing	Super white tempered embossing
Frame	Anodized Aluminium Alloy	Anodized Aluminium Alloy
Juntion Box	IP67, MC4 connector	IP67, MC4 connector
Maximum positive static load [Pa]	5400	5400
Operating temperature [°C]	-40 to +85	-40 to +85

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Hail resistance	Maximum diameter 25mm impact speed 23m/s	Maximum diameter 25mm impact speed 23m/s
Fire rating	A	A
NOCT	45°C	45°C
Peak power (Pmpp) temperature coefficient	0.34%/°C	0.34%/°C
Open Circuit Voltage [Voc] temperature coefficient	0.27%/°C	0.27%/°C
Short Circuit Current [Isc] temperature coefficient	0.04%/°C	0.04%/°C

