

# Flat Solar Solar Tile with Resin Frame

## Features of Flat Solar Tile with Resin Frame

1. Adapting TOPCon high-efficiency N-type cells, the current mass-produced TOPCon cells have a photoelectric conversion efficiency of up to 25.5%
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-80
Color	Black
Maximum Power [W]	80
Maximum Power Tolerance [W]	0/+2
Open Circuit Voltage [V]	23.86
Short Circuit Current [A]	4.43
Maximum Power Point Voltage [V]	19.88
Maximum Power Point Current [A]	4.18
Weight per pc. [kg]	7 (±0.5)
Thickness [mm]	20(±1)
Dimension L*W*H [mm]	1258*420*20(±1)
Maximum System Voltage [V]	1,000
Maximum Fuse Rating [A]	25
Front plate	Super white tempered embossing
Back plate	Super white tempered embossing
Frame	Anodized Aluminium Alloy

	<b>NST-80</b>
<b>Juntion Box</b>	IP67, MC4 connector
<b>Maximum positive static load [Pa]</b>	5400
<b>Operating temperature [°C]</b>	-40 to +85
<b>Hail resistance</b>	Maximum diameter 25mm impact speed 23m/s
<b>Fire rating</b>	A
<b>NOCT</b>	45°C
<b>Peak power (Pmpp) temperature coefficient</b>	0.34%/°C
<b>Open Circuit Voltage [Voc] temperature coefficient</b>	0.27%/°C
<b>Short Circuit Current [Isc] temperature coefficient</b>	0.04%/°C

