

## Technical Parameters

Product Type	SST 280-72M
Parameter	Typical Data
Watts Peak (W)	280
Open Circuit Voltage (V)	44.2
Short Circuit Current (A)	8.53
Optimum Operating Voltage (V)	35.5
Optimum Operating Current (A)	7.89
Voltage Temperature Coefficient	-0.37%/K
Current Temperature Coefficient	+0.03%/K
Power Temperature Coefficient	-0.52%/K
Quantity of Cells	6×12pieces 156mm×156mm Mono-crystalline silicon cell series connection
Maximum System Voltage(V)	1000 (TUV)/600(UL)
Module Safe Wire Current (A)	15
Module Insulating Resistance( $\Omega$ )	$\geq 100M\Omega$
Parameter Physical Size(mm <sup>3</sup> )	1956×990×50(L×W×H)
Module Operating Temperature( $^{\circ}C$ )	-40 $^{\circ}C$ to +85 $^{\circ}C$
Hail	Maximum diameter of 25mm <sup>-1</sup> with impact speed of 23.0m.s <sup>-1</sup>
Maximum Surface Load Capacity	Tested up to 2,400Pa according to IEC 61215

**Notes: 1. Test conditions: irradiation intensity: 1000W/m<sup>2</sup>, AM1.5; Battery temperature: 25±2 $^{\circ}C$ , deviation of Wp(W) ±3%, deviation of Voc(V), Isc(A), Vm(V) and Im(A) ±10%.**

**2. In the column of product type, M stands for Mono-crystalline**

