

SCAN CODE TO WATCH VIDEO

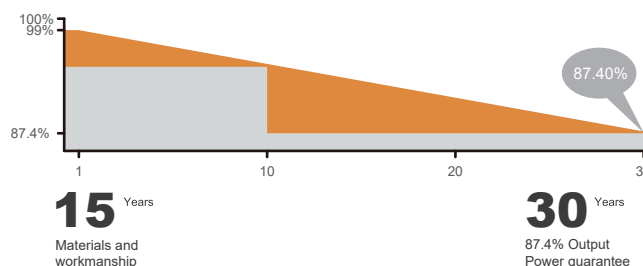


Learn more about the production of 182mm Mono PV Module

120W Perovskite / 60W Crystalline Silicon

182mm Perovskite Crystalline Silicon Stacked PV Modules

Sunket Linear Warranty



15 Years
Materials and workmanship

30 Years
87.4% Output Power guarantee



New technology route

Perovskite + N-type crystalline silicon technology



Stronger weather resistance

3.2mm TCO glass + 3.2mm tempered glass



Higher system efficiency

Dual technology superposition to reduce energy transmission loss



Higher power generation

Perovskite and crystalline silicon synergistic power generation to maximize performance



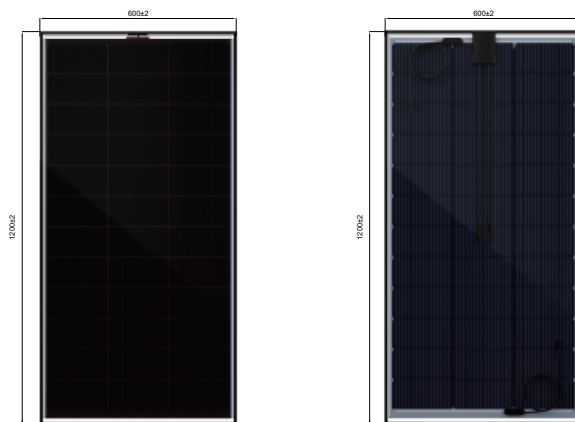
Better low-light performance

Perovskite has excellent low-light performance and longer power generation time



Wide application

Large-format can also be produced to adapt to multiple application scenarios



Electrical Characteristics (STC)

Module Type	Perovskite	Crystalline Silicon
Test Conditions	STC	STC
Maximum Power- Pmax(W)	120	60.6
Open Circuit Voltage - Voc(V)	86.8	24.5
Short- Circuit Current - Isc(A)	1.74	3.06
Maximum Voltage at Pmax -Vmp(V)	71	21.8
Maximum Current at Pmax - Imp(A)	1.69	2.78
Module Efficiency - η m(%)	16.7	8.4
Intergrated Efficiency - η m(%)	25	
Maximum System Voltage(V)	1500Vdc (IEC / UL)	
Maximum Series Fuse Rating (A)	2.5A	20A

*STC : Irradiance 1000W/m², Cell Temperature 25°C, Air Mass 1.5

*Measurement tolerance: \pm 3% *Power binning up to: +3%

Mechanical Specifications

Cell Type	Perovskite	Crystalline Silicon
External Dimensions	1200 (\pm 2) x600 (\pm 2) x7.2 (\pm 1) mm	
Weight	14 \pm 0.5kg	
No. of Cells	80	36(3*12)
Glass	3.2mm TCO glass + 3.2mm tempered glass	
Junction Box	Monoblock junction box IP68	Split junction box IP68
Output Cables	2.5mm ² , 800mm (+),800mm (-)	4.0mm ² , 900mm (+),900mm (-), length can be customized
Connector	MC4 Compatible	
Encapsulation Material	TPO+Sealing PIB	

Temperature Characteristics

Cell Type	Perovskite	Crystalline Silicon
Pmax Temperature Coefficient	-0.004%/°C	-0.250%/°C
Voc Temperature Coefficient	-0.002%/°C	-0.290%/°C
Isc Temperature Coefficient	+0.000%/°C	+0.045%/°C
Operating Temperature Range	-40~+85°C	-40~+85°C
Nominal Operating Cell Temperature	42 \pm 2°C	42 \pm 2°C