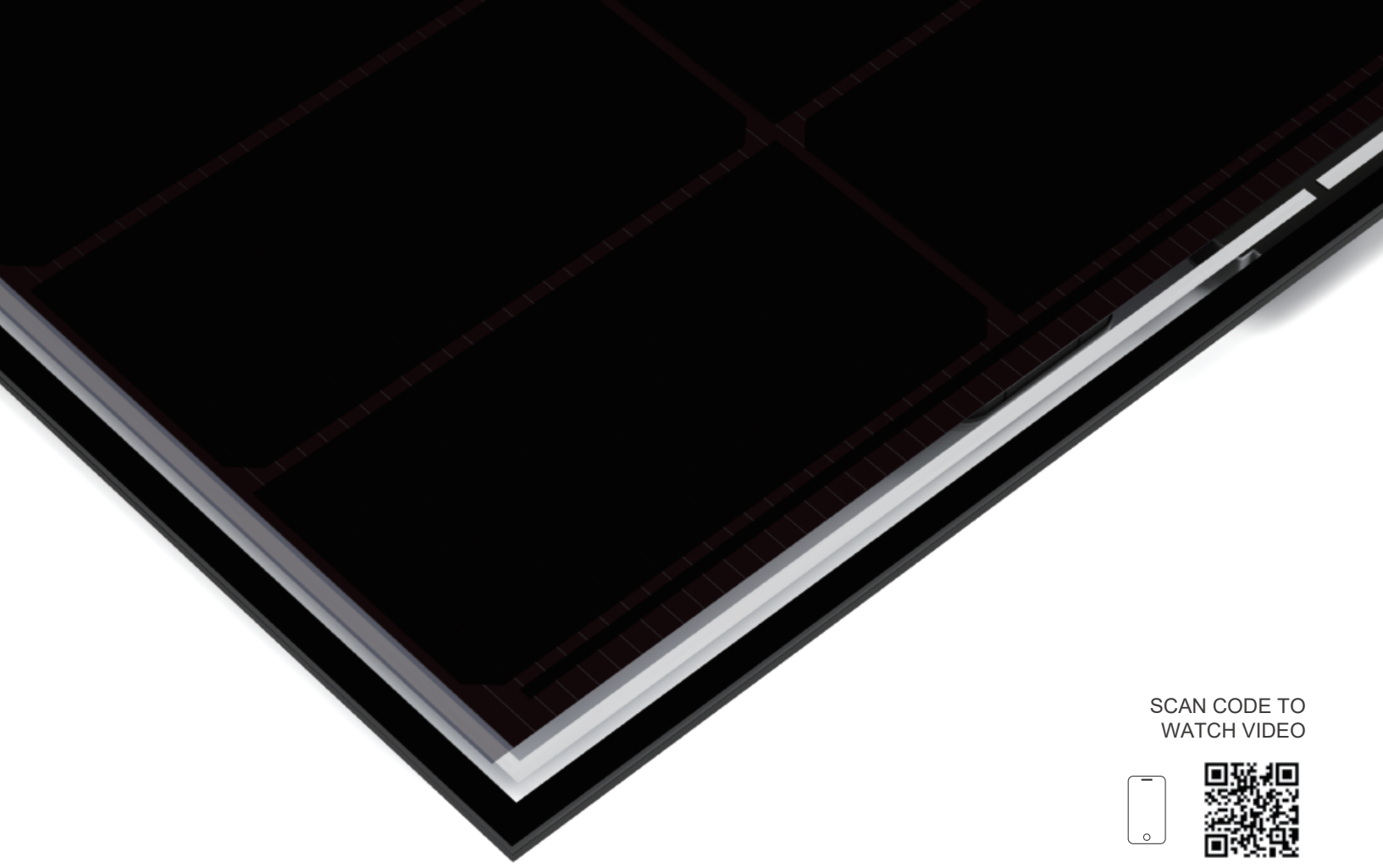


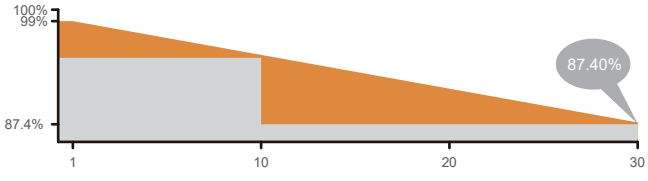
SCAN CODE TO
WATCH VIDEO

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

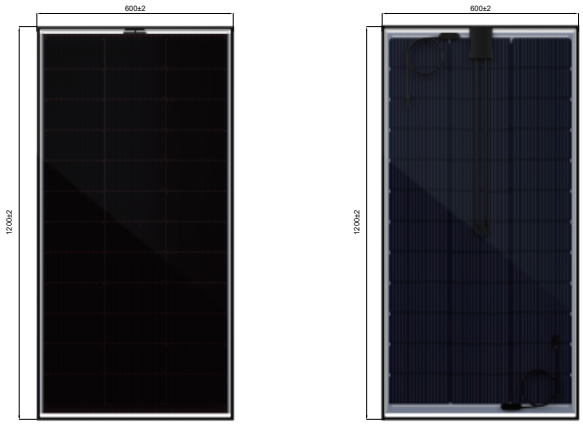
Wide application
Large-format can also be produced to adapt to multiple application scenarios

SUNKET - Solar

SUNKET - Solar

120W Perovskite / 60W Crystalline Silicon

182mm Perovskite Crystalline Silicon
Stacked PV Modules



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 -ηm(%)	16.7	8.4
Intergrated Efficiency -ηm(%)	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: ±3% *Power binning up to: +3%

Mechanical Specifications

Cell Type	Perovskite	Crystalline Silicon
External Dimensions	1200（±2）x600（±2）x7.2（±1）mm	
Weight	14±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	2.5mm², 800mm (+),800mm (-)	4.0mm², 900mm (+),900mm (-), length can be customized
Connector	MC4 Compatible	
Encapaulation 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±2°C	42±2°C

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