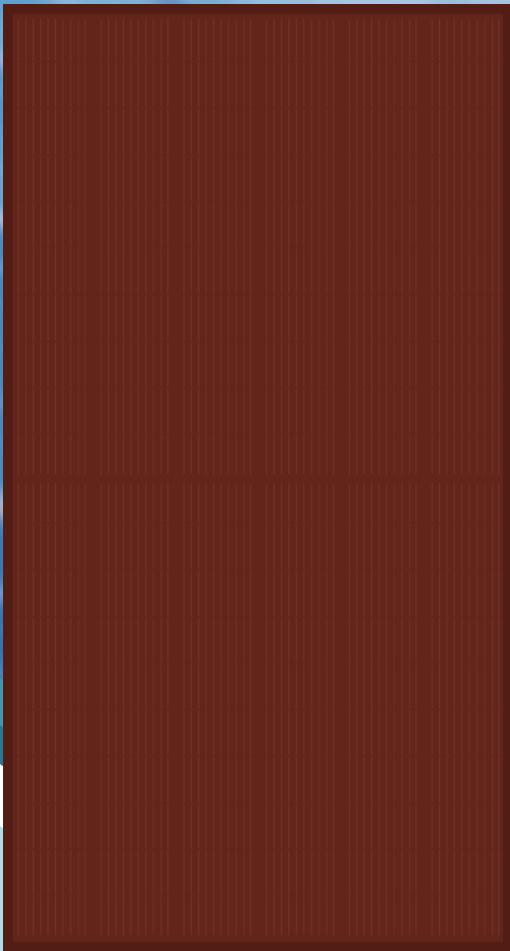




SpolarPV
Easy Invest, More Returns



18.56 %

Module efficiency

400 W

Highest power output



Product warranty



Linear power warranty

SPV400-PM10-120



High Efficiency

Higher power conversion efficiency benefited from advanced SpolarPV technology.



Anti-reflection

Less than 20% reflectivity with minimum glare.



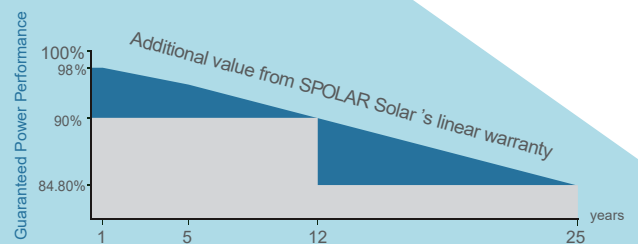
Good Mechanical Load Performance

Certified to withstand: wind load (2400 Pa), snow load and hail strike(5400 Pa) .



Low Light Performance Resilience

Advanced glass and cell surface texture designs ensure excellent performance in low light environment.



■ Linear performance warranty ■ Standard performance warranty



Electrical Characteristics at Standard Test Conditions (STC)

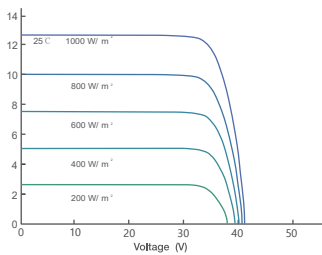
Module Type	SPV400-PM10-120		
Maximum Power - Pmax (W)	400		
Maximum Power Voltage - Vmp (V)	34.17		
Maximum Power Current - Imp (A)	11.71		
Open-circuit Voltage - Voc (V)	41.90		
Short-circuit Current - Isc (A)	12.67		
Module Efficiency STC (%)	18.56 %		

Power Tolerance	0 ~ + 3 %	Operating Temperature (°C)	-40 °C ~ +85 °C
Temperature Coefficients of Pmax	-0.40% / °C	Maximum System Voltage	1500 V
Temperature Coefficients of Voc	-0.30% / °C	Maximum Series Fuse Rating	25 A
Temperature Coefficients of Isc	0.040% / °C	Nominal Operating Cell Temperature	45 ± 2 °C

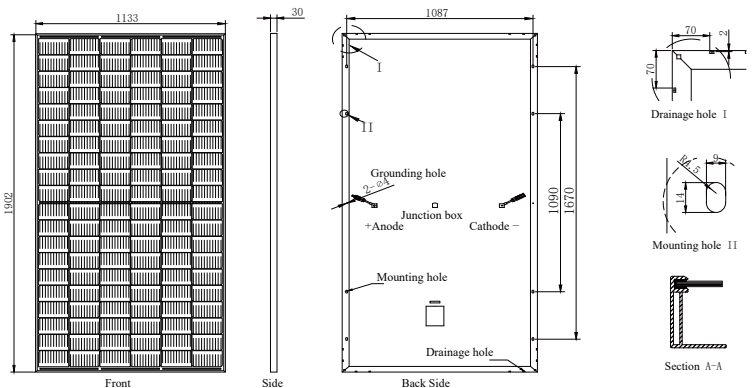
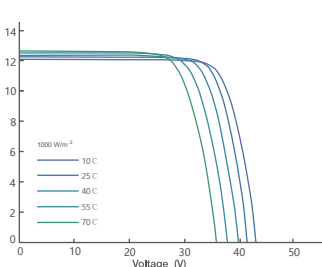
Mechanical Characteristics

Cell Type	Mono-crystalline
No. of Cells	120 (6x20)
Dimensions	1902x1133x30 mm
Weight	23.5 kg
Glass	3.2mm, High Transmission, Low Iron, Tempered Glass
Frame	Anodized Aluminium Alloy
Junction Box	IP68, MC4 Compatible, 3 Bypass Diode
Output Cables	1x4.0 mm ² , Length: 1200 mm or Customized Length
Packaging Configuration	72pcs/stack, 936pcs/40'HQContainer (Two pallets=One stack)

Current-Voltage Curve under different irradiance



Current-Voltage Curve under different working temperatures



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