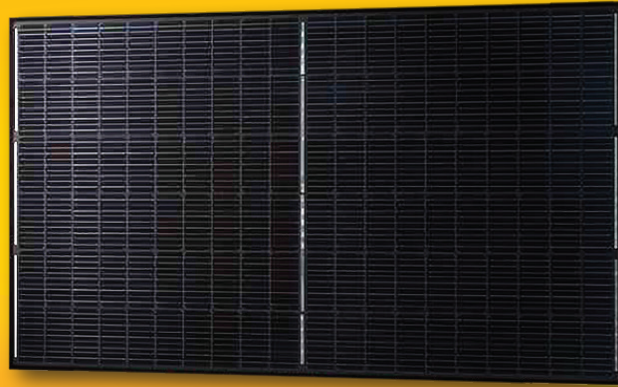


# S4A-360

120 HALF-CELL  
9BB HALF-CUT MONO PERC  
FULL BLACK  
360W



360W



## 9BB half-cut cell technology

New circuit design, lower internal current, lower Rs loss Ga doped wafer, attenuation < 2% (1st year) /  $\leq 0.55\%$  (Linear)



## Significantly lower the risk of hot spot

Special circuit design with much lower hot spot temperature

Anti  
PID

## Excellent Anti-PID performance

2 times of industry standard Anti-PID test by TUV SUD



## Wider application

No water-permeability and high wear-resistance, can be widely used in high-humid, windy and dusty area



## IP68 junction box

High waterproof level

## SYSTEM & PRODUCT CERTIFICATES

- IEC 61215 / IEC 61730 / UL 61703
- ISO 9001: 2015 Quality Management System
- ISO 14001: 2015 Environment Management System
- ISO 45001: 2018 Occupational Health and Safety Management Systems



## PERFORMANCE WARRANTY

**12** years  
Quality assurance

**25** years  
Power output guarantee

# S4A-360 120 HALF-CELL 360W



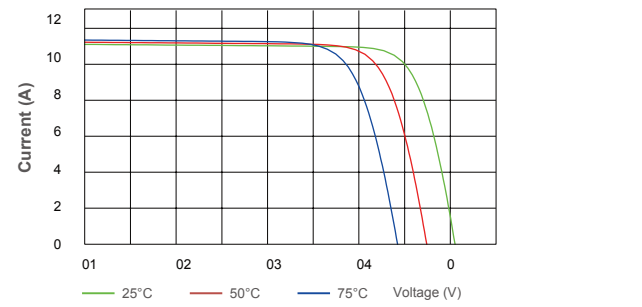
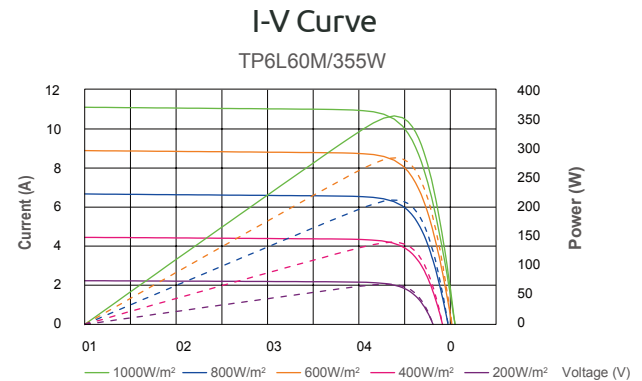
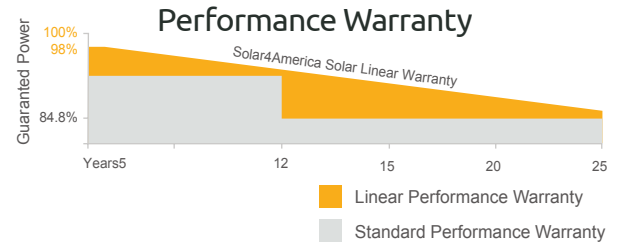
Electrical Parameters	S4A-360
<b>Performance at STC (Power Tolerance 0 ~ +3%)</b>	
Maximum Power (Pmax)	360W
Operating Voltage (Vmpp/V)	34.3
Operating Current (Impp/A)	10.50
Open-Circuit Voltage (Voc/V)	40.7
Short-Circuit Current (Isc/A)	11.15
Module Efficiency $\eta_m$ (%)	19.76
<b>Performance at NMOT</b>	
Maximum Power (Pmax)	267W
Operating Voltage (Vmpp/V)	31.6
Operating Current (Impp/A)	8.46
Open-Circuit Voltage (Voc/V)	37.9
Short-Circuit Current (Isc/A)	9.00

STC: Irradiance 1000W/m<sup>2</sup>, Cell Temperature 25°C, Air Mass AM1.5 NMOT: Irradiance at 800W/m<sup>2</sup>, Ambient Temperature 20°C, Air Mass AM1.5, Wind Speed 1m/s

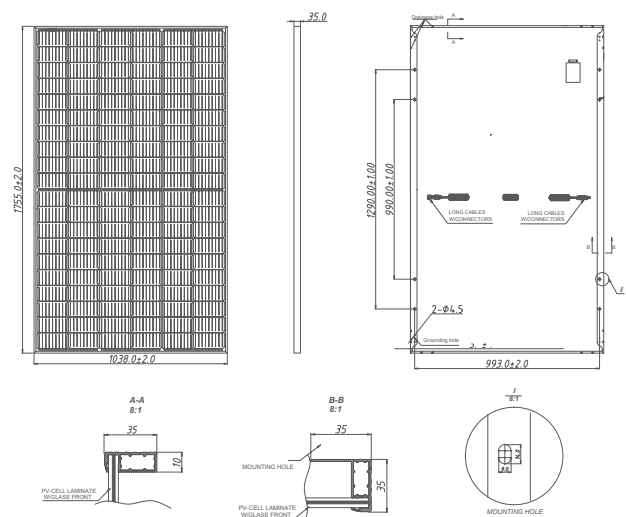
Mechanical Specifications	
Cell Type	Monocrystalline
Cell Dimensions	166*166mm
Cell Arrangement	120 (6*20)
Weight	21kg (46.3lbs)
Module Dimensions	1755*1038*35mm (69.09*40.87*1.38inches)
Cable Length	Portrait 300mm/Landscape 1200mm/Customized
Cable Cross Section Size	TUV: 4mm <sup>2</sup> (0.006inches <sup>2</sup> )/UL: 12AWG
Front Glass	3.2mm (0.13inches) AR Coating Tempered Glass
No. of Bypass Diodes	3/6
Packing Configuration (1)	31pcs/carton, 806pcs/40hq
Packing Configuration (for USA)	31pcs/carton, 806pcs/40hq
Frame	Anodized Aluminium Alloy
Junction Box	IP68

Operating Conditions	
Maximum System Voltage	1000V/1500V/DC(IEC)
Operating Temp	-40°C~+85°C
Maximum Series Fuse	20A
Static Loading	Snow Loading: 5400Pa/ Wind Loading: 2400Pa
Conductivity at Ground	≤ 0.1Ω
Safety Class	II
Resistance	≥100MΩ
Connector	T01/LJQ-3-CSY/MC4/MC4-EVO2

Temperature Coefficient	
Temperature Coefficient Pmax	-0.36%/°C
Temperature Coefficient Voc	-0.26%/°C
Temperature Coefficient Isc	+0.043%/°C
NMOT	43±2 °C



## Technical Drawings



The specification and key features described in this datasheet may deviate slightly and are not guaranteed. Due to ongoing innovation, R&D enhancement, Solar4America reserves the right to make any adjustment to the information described herein at any time without notice. Please always obtain the most recent version of the datasheet which shall be duly incorporated into the binding contract made by the parties governing all transactions related to the purchase and sale of the products described herein.