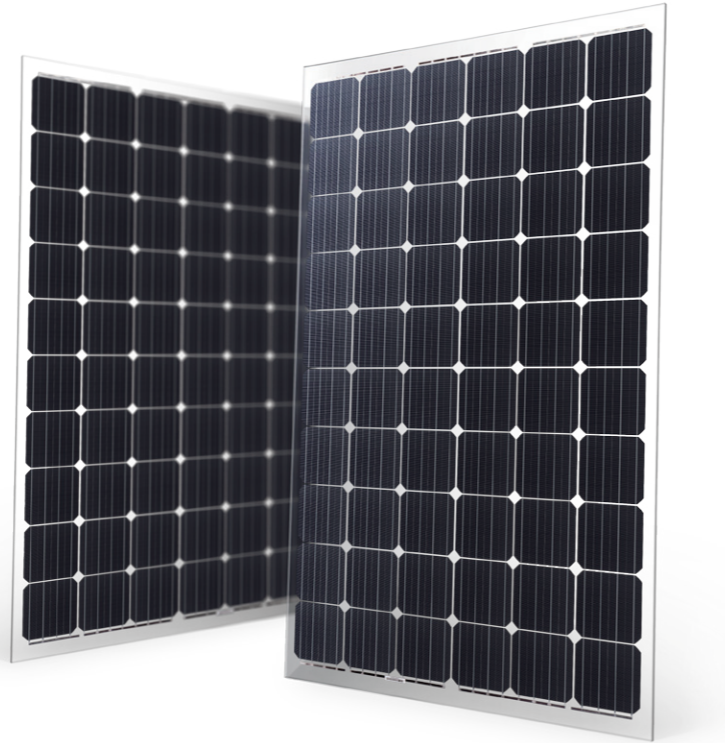


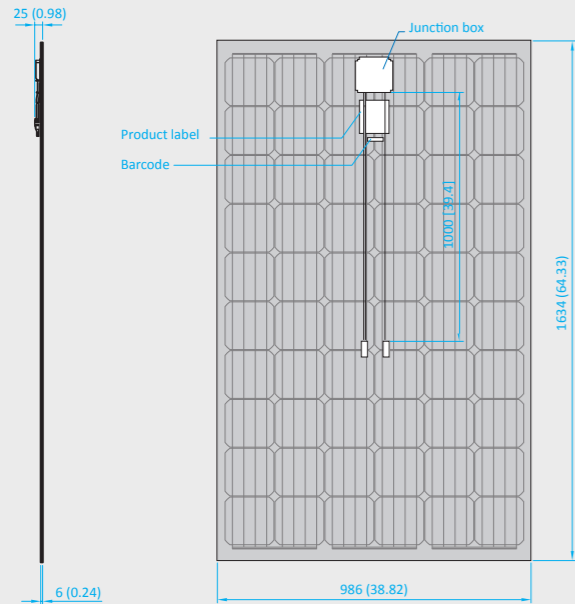
# Aquarius Series Cell (Module)

## Trust Sf-pv to Deliver Reliable Performance Over Time

1. Positive tolerance of up to 5% delivers higher outputs reliability
2. 100% EL inspection
3. The current binning ensures the generation output
4. Excellent PID resistance (potential induced degradation) characteristic
5. Good anti-salt spray, anti-ammonia corrosion, reliability certificated by TUV

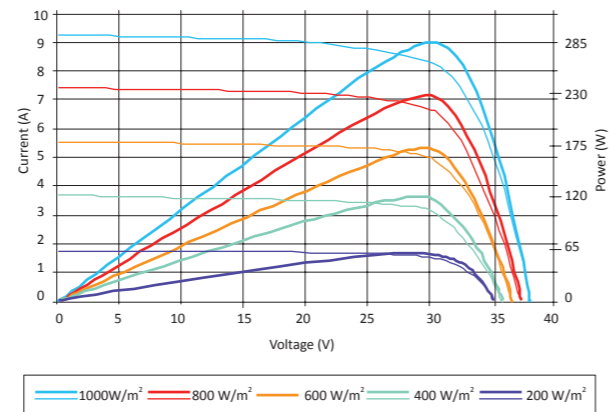


## DIMENSIONS



Note: mm(inch)

## Current-Voltage & Power-Voltage Curve



Excellent performance under weak light conditions: at an irradiation intensity of 200 W/m<sup>2</sup> (AM 1.5, 25 °C), 96.5% or higher of the STC efficiency (1000 W/m<sup>2</sup>) is achieved

## Aquarius Series Cell (Module)

STC	α Solar module
Maximum Power at STC (Pmax)	285 W
Optimum Operating Voltage (Vmp)	31.85 V
Optimum Operating Current (Imp)	8.97 A
Open Circuit Voltage (Voc)	39.25 V
Short Circuit Current (Isc)	9.45 A
Module Efficiency	17.43%
Operating Module Temperature	-40 °C to +85 °C
Maximum System Voltage	1000 V DC (IEC)
Maximum Series Fuse Rating	20 A
Power Tolerance	0/+5 %

STC: Irradiance 1000 W/ m<sup>2</sup>, module temperature 25 °C, AM=1.5;

Best in Class AAA solar simulator (IEC 60904-9) used, power measurement uncertainty is within +/- 3%

NOCT	α Solar module
Maximum Power at NOCT (Pmax)	208.36 W
Optimum Operating Voltage (Vmp)	28.7 V
Optimum Operating Current (Imp)	7.26 A
Open Circuit Voltage (Voc)	36.35 V
Short Circuit Current (Isc)	7.71 A

NOCT: Irradiance 800 W/ m<sup>2</sup>, ambient temperature 20 °C, AM=1.5, wind speed 1 m/s;

Best in Class AAA solar simulator (IEC 60904-9) used, power measurement uncertainty is within +/- 3%

Temperature Characteristics	α Solar module
Nominal Operating Cell Temperature (NOCT)	45±2°C
Temperature Coefficient of Pmax	-0.40 %/°C
Temperature Coefficient of Voc	-0.34 %/°C
Temperature Coefficient of Isc	0.060 %/°C