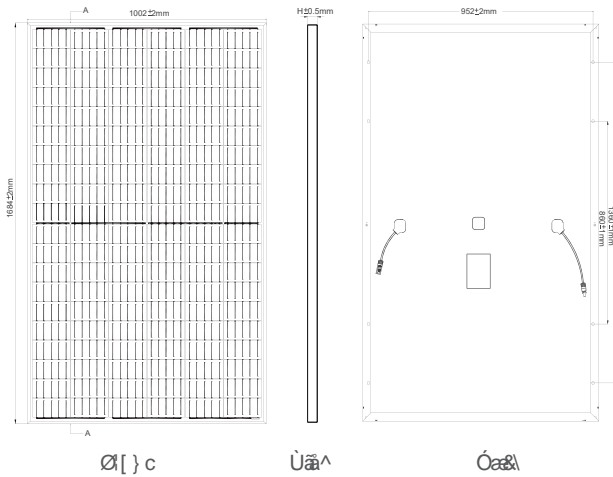


Poly Half-cut 120pcs 285-305W

Dimensions



Specifications (STC)

	285Wp	290Wp	295Wp	300Wp	305Wp
Maximum Power (Pmax)	285Wp	290Wp	295Wp	300Wp	305Wp
Maximum Power Voltage (Vmp)	32.02V	32.23V	32.43V	32.62V	32.83V
Maximum Power Current (Imp)	8.92A	9.01A	9.11A	9.2A	9.29A
Open-circuit Voltage (Voc)	38.58V	38.75V	38.92V	39.09V	39.09V
Short-circuit Current (Isc)	9.4A	9.5A	9.6A	9.7A	9.8A
Module Efficiency STC (%)	16.89%	17.19%	17.48%	17.78%	18.08%

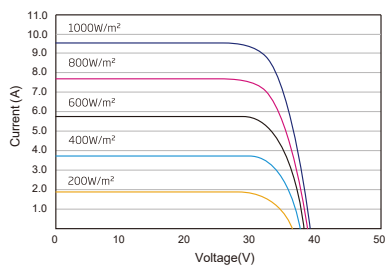
At standard test conditions (STC): Irradiance 1000W/m², Cell temperature 25°C, AM=1.5

Specifications (NOCT)

	285Wp	290Wp	295Wp	300Wp	305Wp
Maximum Power (Pmax)	212Wp	216Wp	220Wp	224Wp	228Wp
Maximum Power Voltage (Vmp)	30.4V	30.7V	31V	31.3V	31.6V
Maximum Power Current (Imp)	6.97A	7.03A	7.09A	7.15A	7.21A
Open-circuit Voltage (Voc)	35.7V	35.9V	36.1V	36.4V	36.7V
Short-circuit Current (Isc)	8.05A	8.12A	8.19A	8.26A	8.33A

NOCT: Irradiance 800W/m², Ambient temperature 20°C, Wind speed 1m/s, AM=1.5

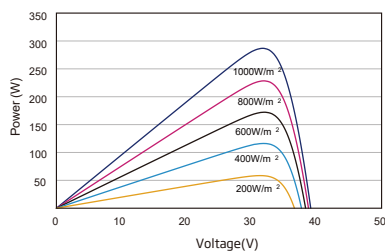
I-V Curve (290W)



Mechanical Data

Cell Type	Poly cell
Cell number	120pcs (6×20)
Weight	19 kg (41.9 lbs)
Dimensions	1684×1002×35mm (66.30×39.45×1.38inch)
Front Cover	3.2mm low iron tempered glass
Frame	Anodized aluminum alloy
Junction Box	IP67 Rated
Output Cables	TÜV 1x4.0mm ² , (+) 290mm, (-) 145mm or Customized Length

P-V Curve (290W)



Maximum Ratings

Operating Temperature (°C)	-40°C~+85°C
Maximum System Voltage	1500VDC (IEC)
Maximum Series Fuse Rating	20A
Power Tolerance	0~+3W
Temperature Coefficients of Pmax	-0.37%/°C
Temperature Coefficients of Voc	-0.28%/°C
Temperature Coefficients of Isc	0.048%/°C
Nominal Operating Cell Temperature (NOCT)	45±2°C

Packaging Configuration

1684mm × 1002mm × 35mm

1684mm × 1002mm × 35mm