

High Customer Value

• 5400

• 4000



High reliability with light double glass

• 5400

• 4000

ELECTRICAL DATA (STC)

Peak Power Watts- $P_{MAX}(W_p)^*$
Power Selection (W)**
Maximum Power Voltage- V_{MPP} (V)
Maximum Power Current- I_{MPP} (A)
Open Circuit Voltage- V_{oc} (V)
Short Circuit Current- I_{sc} (A)
Module Efficiency η_m (%)

STC: Irradiance 1000W/m², Cell Temperature 25°C, Air Mass AM1.5. *Measuring tolerance: ±3%. **Power selection up to: +3%.

ELECTRICAL DATA (NOCT)

Peak Power Watts- $P_{MAX}(W_p)$	329	333	337	341	344	352
Maximum Power Voltage- V_{MPP} (V)	40.7	41.0	41.4	41.7	42.0	42.7
Maximum Power Current- I_{MPP} (A)	8.08	8.12	8.14	8.17	8.19	8.25
Open Circuit Voltage- V_{oc} (V)	48.7	49.1	49.5	49.9	50.2	51.0
Short Circuit Current- I_{sc} (A)	8.54	8.58	8.60	8.63	8.66	8.71

NOCT: Irradiance at 800W/m², Ambient Temperature 20°C, Wind Speed 1m/s.

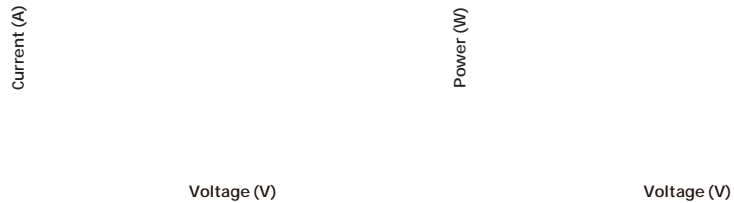
TEMPERATURE RATINGS

NOCT (Nominal Operating Cell Temperature)	43°C (±2°C)
Temperature Coefficient of P_{MAX}	- 0.29% /°C
Temperature Coefficient of V_{oc}	- 0.24% /°C
Temperature Coefficient of I_{sc}	0.04% /°C

CURVES OF PV MODULE

I-V CURVES OF PV MODULE (450W)

P-V CURVES OF PV MODULE (450W)



MAXIMUM RATINGS

Operational Temperature	-40~+85°C
Maximum System Voltage	1500V DC (IEC)
Max Series Fuse Rating	25A

MECHANICAL DATA

Solar Cells	N-type i-TOPCon Monocrystalline
No. of cells	144 cells
Module Dimensions	1762×1134×30 mm (69.37×44.65×1.18 inches)
Weight	21.0 kg (46.30lb)
Front Glass	1.6 mm (0.06 inches) AR Coating Heat Strengthened Glass
Back Glass	1.6 mm (0.06 inches), Heat Strengthened Glass
Frame	30mm(1.18 inches) Anodized Aluminium Alloy, Black
J-Box	IP 68 rated
Cables	Photovoltaic Technology Cable 4.0mm ² (0.006 inches ²) Portrait: 350/280 mm(13.78/11.02 inches) Length can be customized
Connector	MC4 EV02 / TS4 Plus / TS4*
Packaging	Modules per box: 36 pieces Modules per 40' container: 936pieces

*Please refer to regional datasheet for specified connector.

Front View

Back View