

# SF-M15L/120

## 350-365W

### 158.75 × 79.375mm cells 60

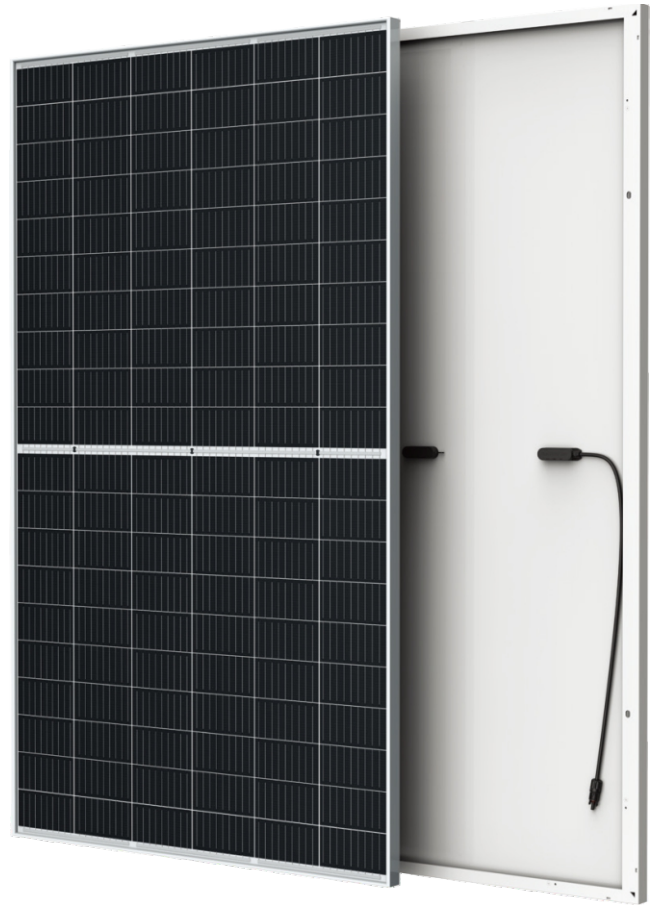
#### Monocrystalline

#### PERC Half-Cell Module

Max Power out: 365W

Max Efficiency: 21.63%

Power Tolerance: 0~+5W



#### SMBB Technology

Better light trapping and current collection to improve module power output and reliability



#### Reduced Hot Spot Loss

Optimized electrical design and lower operating current for reduced hot spot loss and better temperature coefficient.



#### PID Resistance

Excellent Anti-PID performance guarantee via optimized mass-production process and materials control.



#### Enhanced Mechanical Load

Certified to withstand: wind load (2400 Pascal) and snow load (5400 Pascal).



#### Durability Against Extreme Environmental Conditions

High salt mist and ammonia resistance.

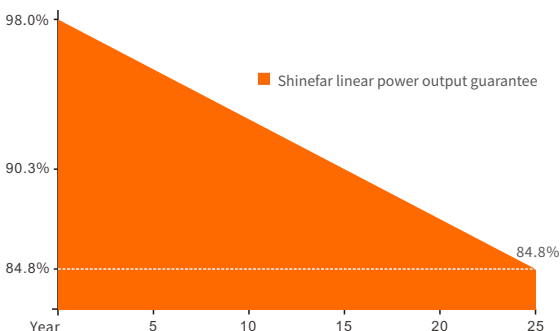


#### High energy generation, low LCOE

Low Pmax temp coefficient increases energy production

### Superior Warranty

- 15-year material & technology warranty
- 25-year linear power output warranty

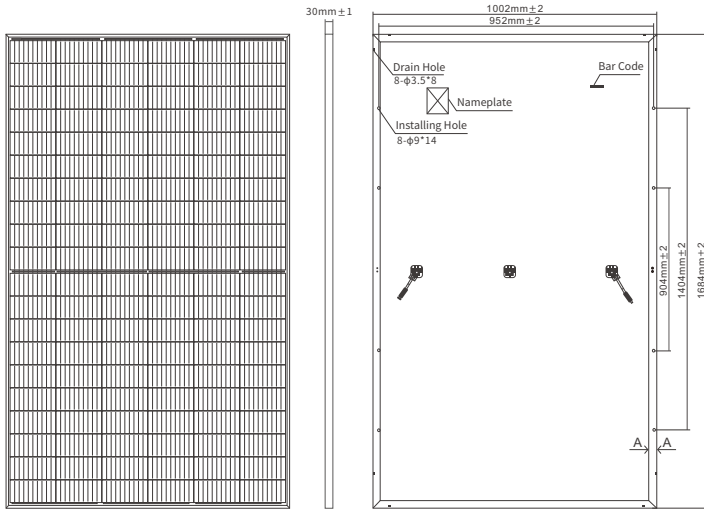


### Comprehensive Products and System Certificates

- IEC/EN61215-1:2021 & IEC/EN61215-2:2021
- IEC/EN61730-1:2016 & IEC/EN61730-2:2016
- UL61730-1:2017 & UL61730-2:2017
- UL61215-1:2017 & UL61215-2:2017
- IEC 61701:2020-Saltmist
- IEC 62716:2013-Ammonia
- IEC 62804:2020-PID
- IECEE CertificateBody (CB)
- UKCA:EN61730-2018
- ISO9001 & ISO14001 & ISO45001



## Engineering Drawings



Front

Side

Back

## Structural Parameter

Dimensions of Module	1684 × 1002 × 30mm
Weight	18kg
Packing	37/pallet, 1092/40hq
Glass	High transparency solar glass 3.2mm
Backsheet	White
Frame	Anodized aluminum alloy & Custom color accepted
J-Box	IP68 Rated
Cable	4.0mm <sup>2</sup> , 300mm
Bypass Diodes	3pcs
Wind/ Snow Load	2400Pa/5400Pa
Connector	MC4 Compatible

## Electrical Specification

(STC: Irradiance 1000W/m<sup>2</sup>, cell temperature 25°C, AM1.5G — NOCT: Irradiance 800W/m<sup>2</sup>, Ambient temperature 20°C, Wind speed 1m/s)

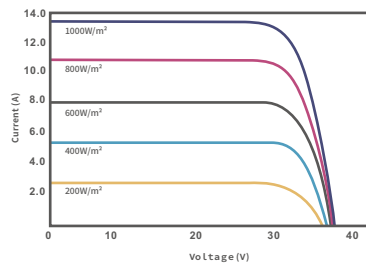
Module Type	SF-M15L/120350		SF-M15L/120355		SF-M15L/120360		SF-M15L/120365	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax) [W]	350	259.7	355	263.41	360	267.12	365	270.83
Maximum Power Voltage (Vmp) [V]	34.40	32.00	34.60	32.20	34.80	32.40	35.00	32.60
Maximum Power Current (Imp) [A]	10.17	8.12	10.26	8.18	10.34	8.24	10.43	8.31
Open Circuit Voltage (Voc) [V]	41.50	38.60	41.70	38.80	41.90	39.00	42.10	39.20
Short Circuit Current (Isc) [A]	10.61	8.47	10.69	8.53	10.77	8.58	10.84	8.64
Module Efficiency [%]	20.74		21.04		21.34		21.63	
Cell Type [mm]	Mono 158.75 × 79.375, 120 cells							
Operational Temperature [°C]	-40~+85°C							
Maximum System Voltage	1500V DC							
Max Series Fuse Rating	15A							

## Temperature Ratings

Nominal Operating Cell Temperature	45 ± 2°C
Temperature Coefficient of Isc	+0.06%/°C
Temperature Coefficient of Voc	-0.30%/°C
Temperature Coefficient of Pmax	-0.39%/°C

## Curve Diagram

I-V CURVES OF PV MODULE (365W)



P-V CURVES OF PV MODULE (365W)

