

# SF-M15L/60

## 330-345W

158.75 ± 1.5 × 158.75 ± 1.5mm  
Cells 60

### Monocrystalline

PERC Full Cell Module

Max Power Out: 345W

Max Efficiency: 20.68%

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.

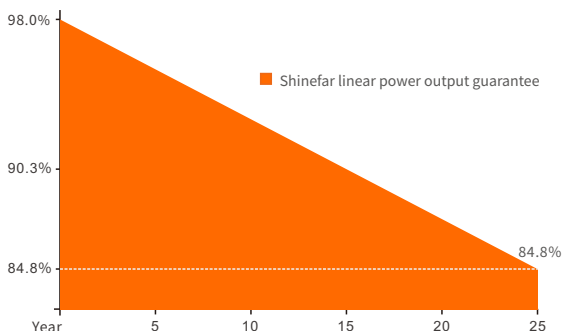


#### High Energy Generation, Low LCOE

Low Pmax temp coefficient increases energy production

### Superior Warranty

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

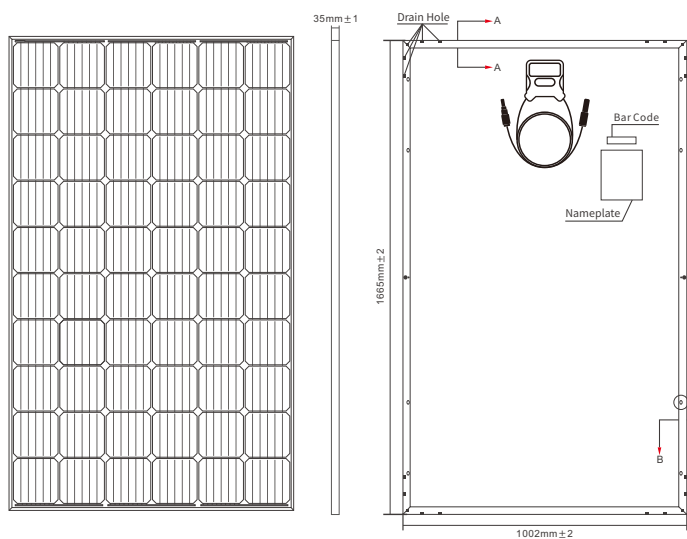


### Comprehensive Products and System Certificates

- 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 Certificate Body (CB)
- UKCA:EN61730-2018
- ISO9001 & ISO14001 & ISO45001



## Engineering Drawings



Front

Side

Back

## Structural Parameter

Dimensions of Module	1665 × 1002 × 35mm
Weight	17.2kg
Packing	31PCS/Pallet, 966PCS/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> , 900mm
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/60330		SF-M15L/60335		SF-M15L/60340		SF-M15L/60345	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax) [W]	330	244.92	335	248.63	340	252.34	345	256.05
Maximum Power Voltage (Vmp) [V]	33.60	31.20	33.80	31.40	34.00	31.60	34.20	31.8
Maximum Power Current (Imp) [A]	9.83	7.85	9.92	7.92	10.00	7.99	10.09	8.05
Open Circuit Voltage (Voc) [V]	40.70	37.80	40.90	38.00	41.10	38.20	41.30	38.4
Short Circuit Current (Isc) [A]	10.29	8.23	10.38	8.29	10.46	8.35	10.54	8.41
Module Efficiency [%]	19.78		20.08		20.38		20.68	
Cell Type [mm]	Mono 158.75 ± 1.5 × 158.75 ± 1.5, 60 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

