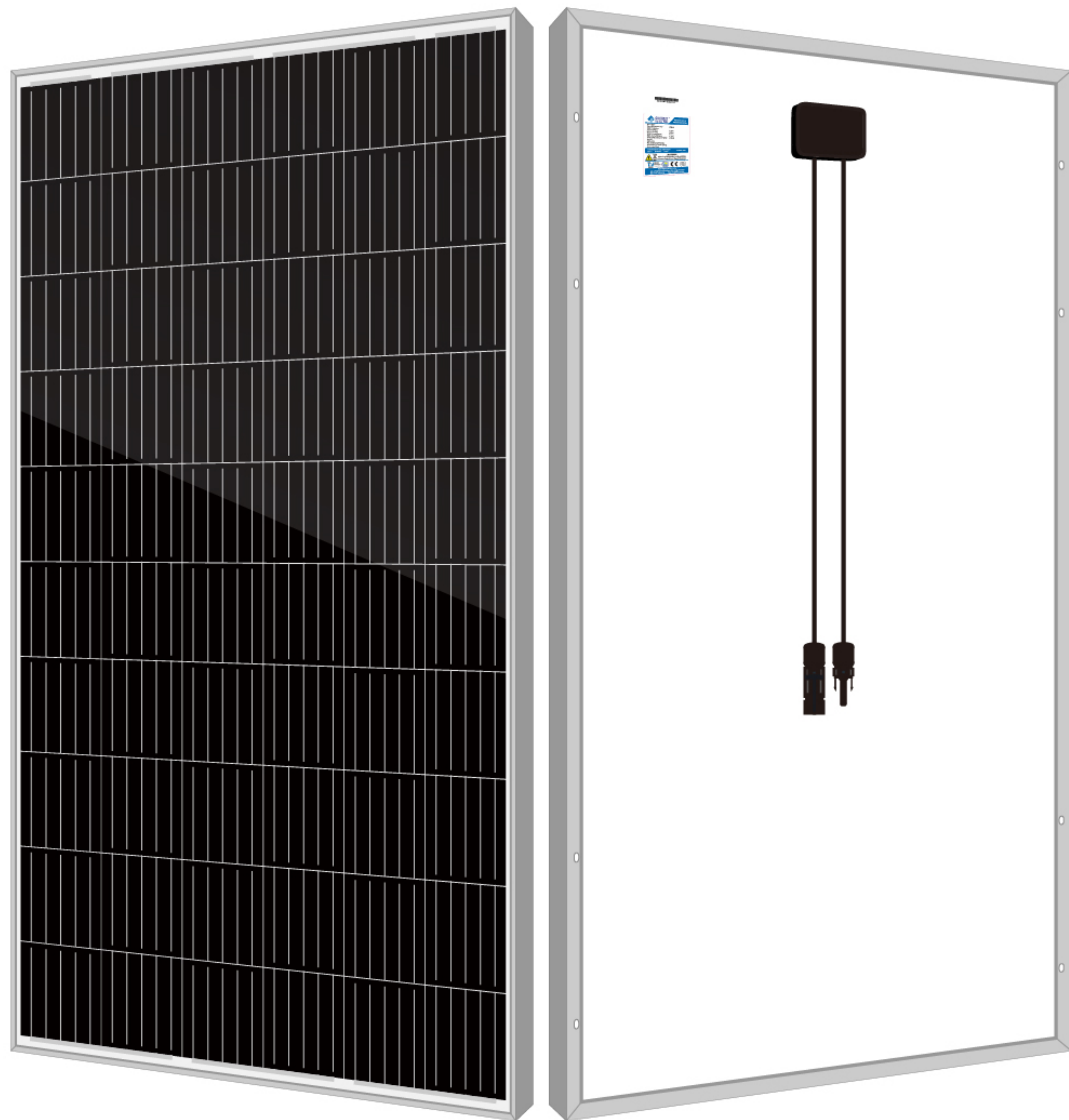




315~335 Watt



*BLACK FRAME/BLACK BACK-SHEET PRODUCTS ARE AVAILABLE UPON REQUEST



MANAGEMENT SYSTEM



ISO 9001: Quality management system



ISO 14001: Standard for environmental management system

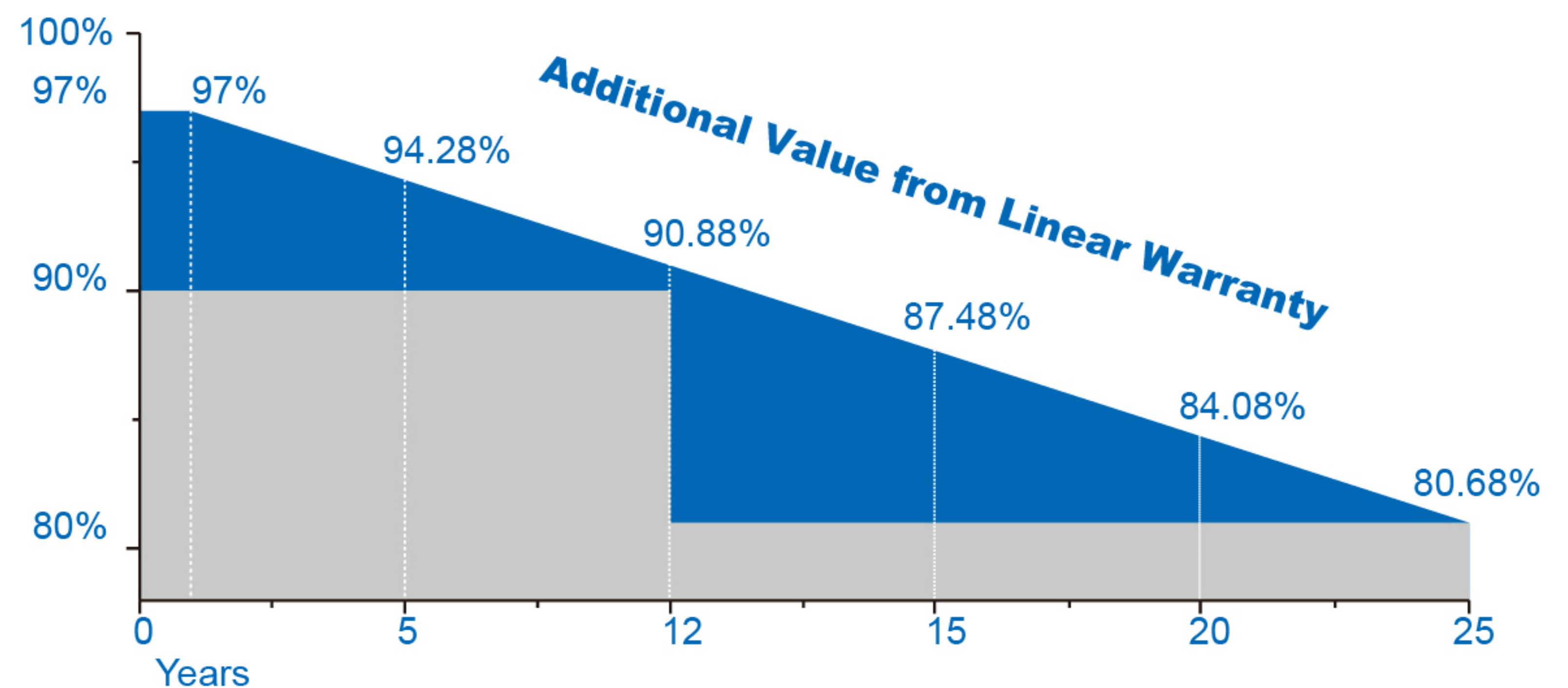


OHSAS 18001: International standard for occupational health and safety assessment system

PRODUCT CERTIFICATES



WARRANTY



12 Years
Material & Craft
Quality
assurance

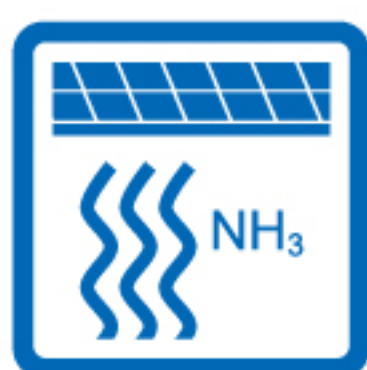
12 Years
90% Output
Power
guarantee

25 Years
80% Output
Power
guarantee

Safety



Safety for salt mist corrosion (IEC61701, tested in TUV)



Safety for ammonia corrosion (IEC62716, tested in TUV)



Safety for fire risk (Class A, tested in TUV)

Key



High stability of the aluminium frame



High quality junction box and connector systems



100% inspection, to guarantee the reliability of solar systems

Technology



Using high efficiency square mono solar cells



Excellent performance in low-light environments



High transmissivity, low-iron tempered glass.



Electrical Characteristics under STC*

Module Type	FSM315M60L	FSM320M60L	FSM325M60L	FSM330M60L	FSM335M60L
Maximum Power-Pmax (Wp)	315	320	325	330	335
Voltage at Maximum Power-Vmp (V)	33.2	33.4	33.6	33.8	34.0
Current at Maximum Power-Imp (A)	9.49	9.59	9.68	9.77	9.87
Open Circuit Voltage-Voc (V)	40.7	40.9	41.1	41.3	41.5
Short Circuit Voltage-Isc (A)	10.04	10.15	10.20	10.31	10.36
Module Efficiency- η_m (%)	18.9	19.2	19.5	19.8	20.1
Power Tolerance(%)	0/+3	0/+3	0/+3	0/+3	0/+3

Mechanical Characteristics

Cell Type	Mono-crystalline 158.75×158.75mm
Number of Cells	60(6×10)
Dimension	1665×1002×35mm
Weight	19.0kg
Front Glass	Low Iron Tempered Glass
Encapsulant	EVA
Frame	Anodized Aluminum Alloy

Temperature Characteristics

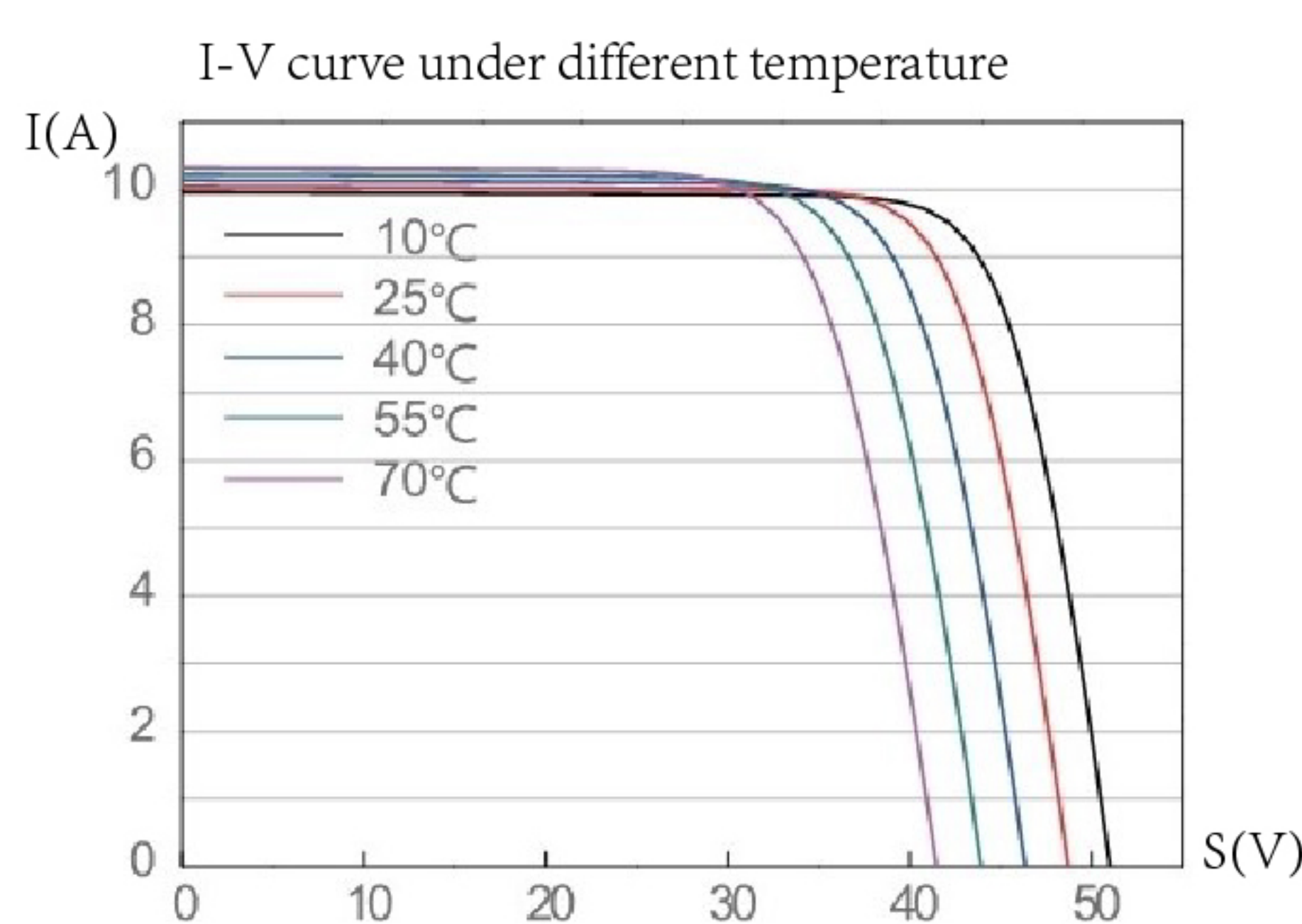
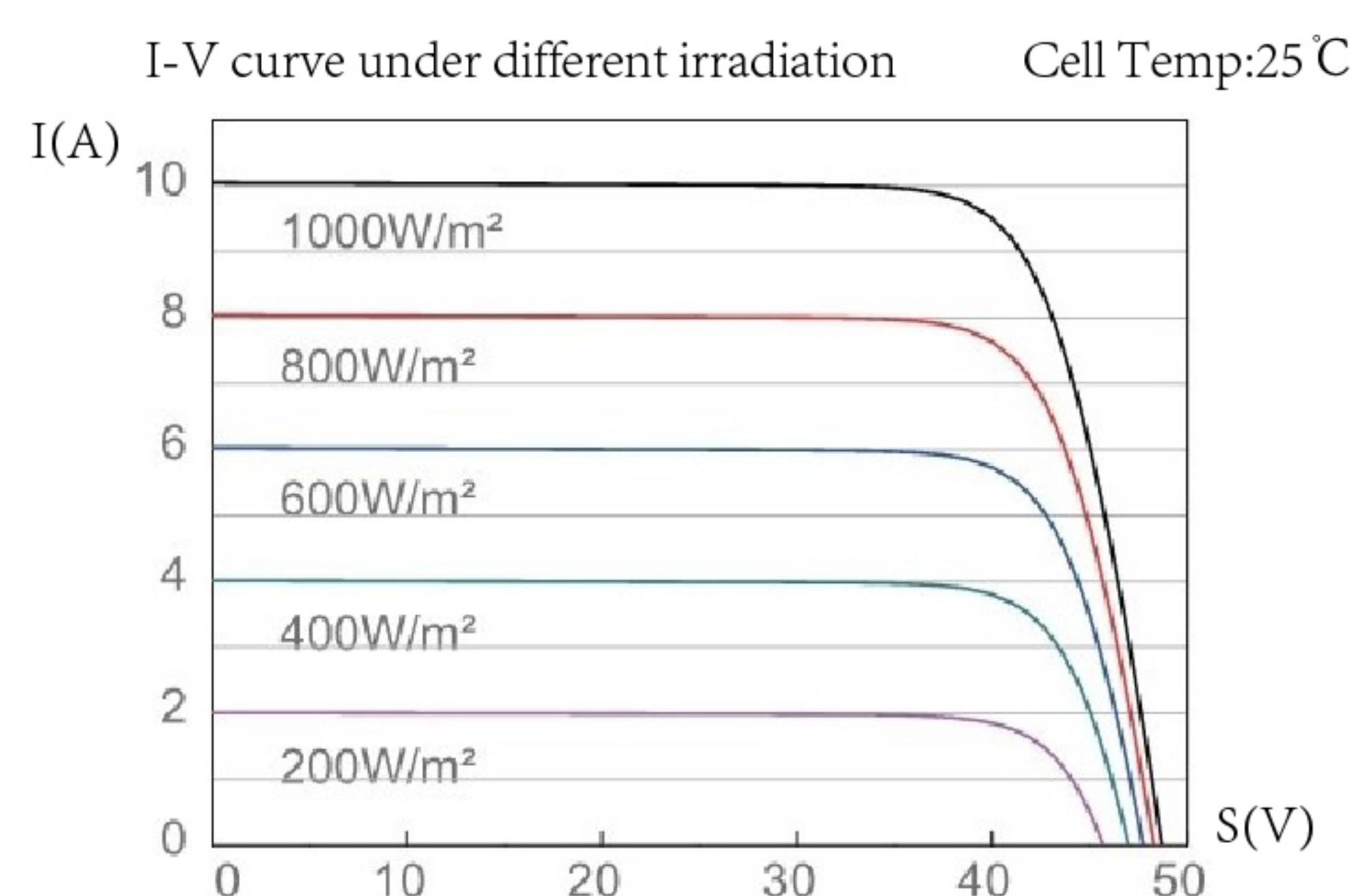
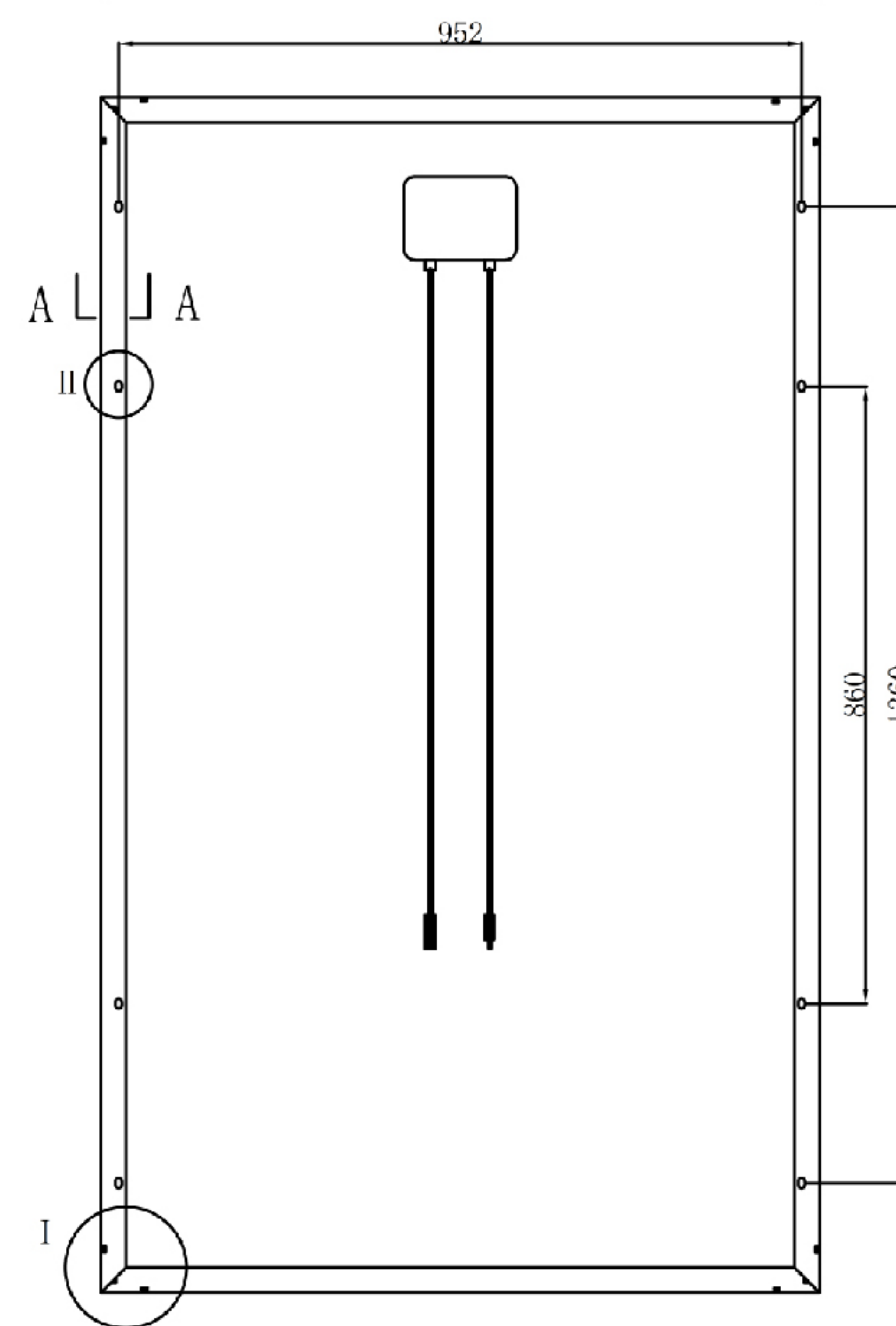
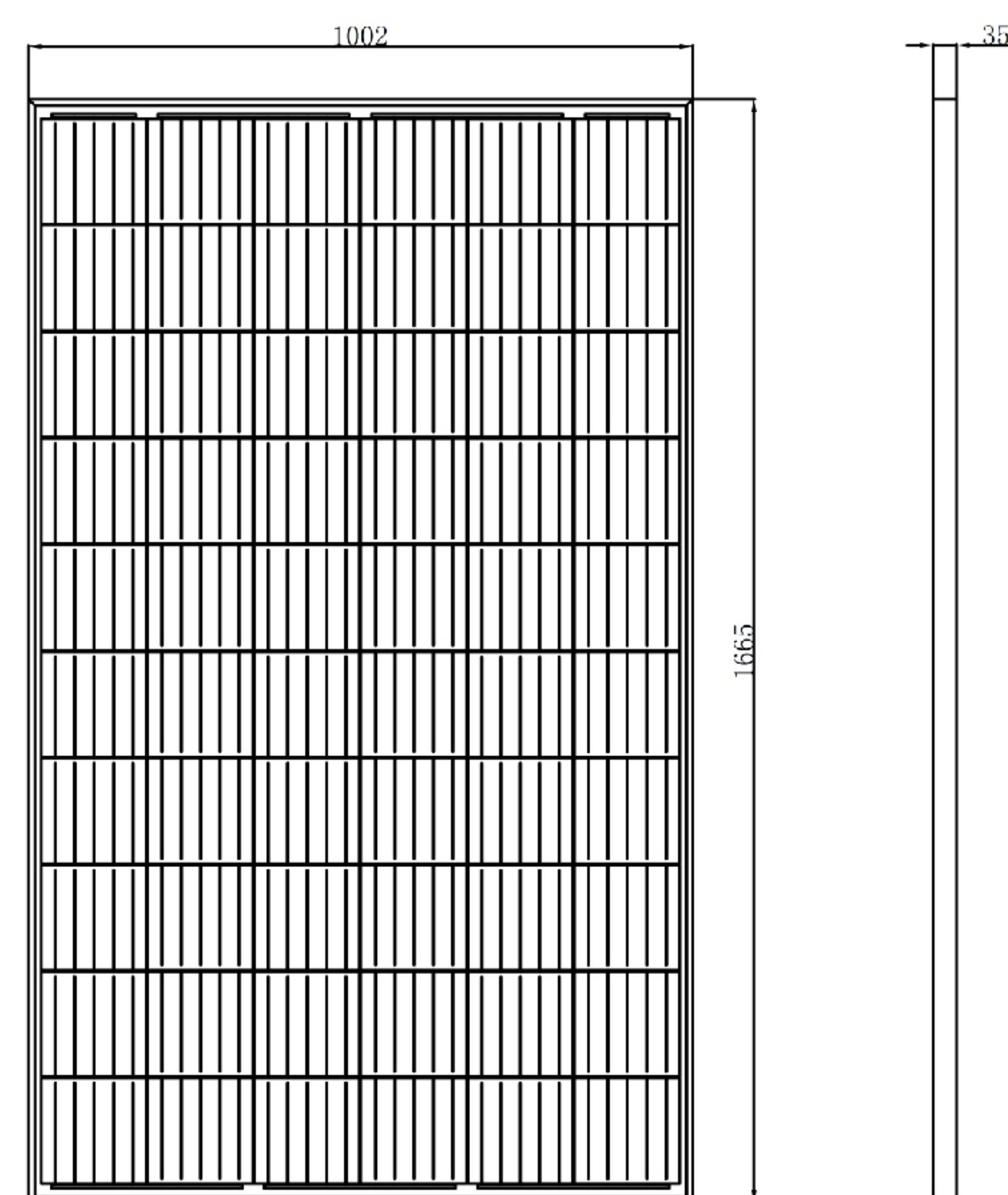
NOCT*	45±2°C
Temperature Coefficient of Pmax (%)	-0.40 /°C
Temperature Coefficient of Voc (%)	-0.31 /°C
Temperature Coefficient of Isc (%)	0.04 /°C

Maximum System Ratings

Operating Temperature	-40°C to +80°C
Maximum System Voltage	1000V DC
Maximum Series Fuse Rating	20A

Warranty

- 12 years product warranty
- 12 years warranty on 90% power output
- 25 years warranty on 80% power output



*STC (Standard Testing Conditions): Irradiance 1000W/m², cell temperature 25°C, AM=1.5 Power measurement tolerance:0~+3% Specifications are subject to change without further notification FSM-EN-2017V1.0 © Copyright 2017 Finergy