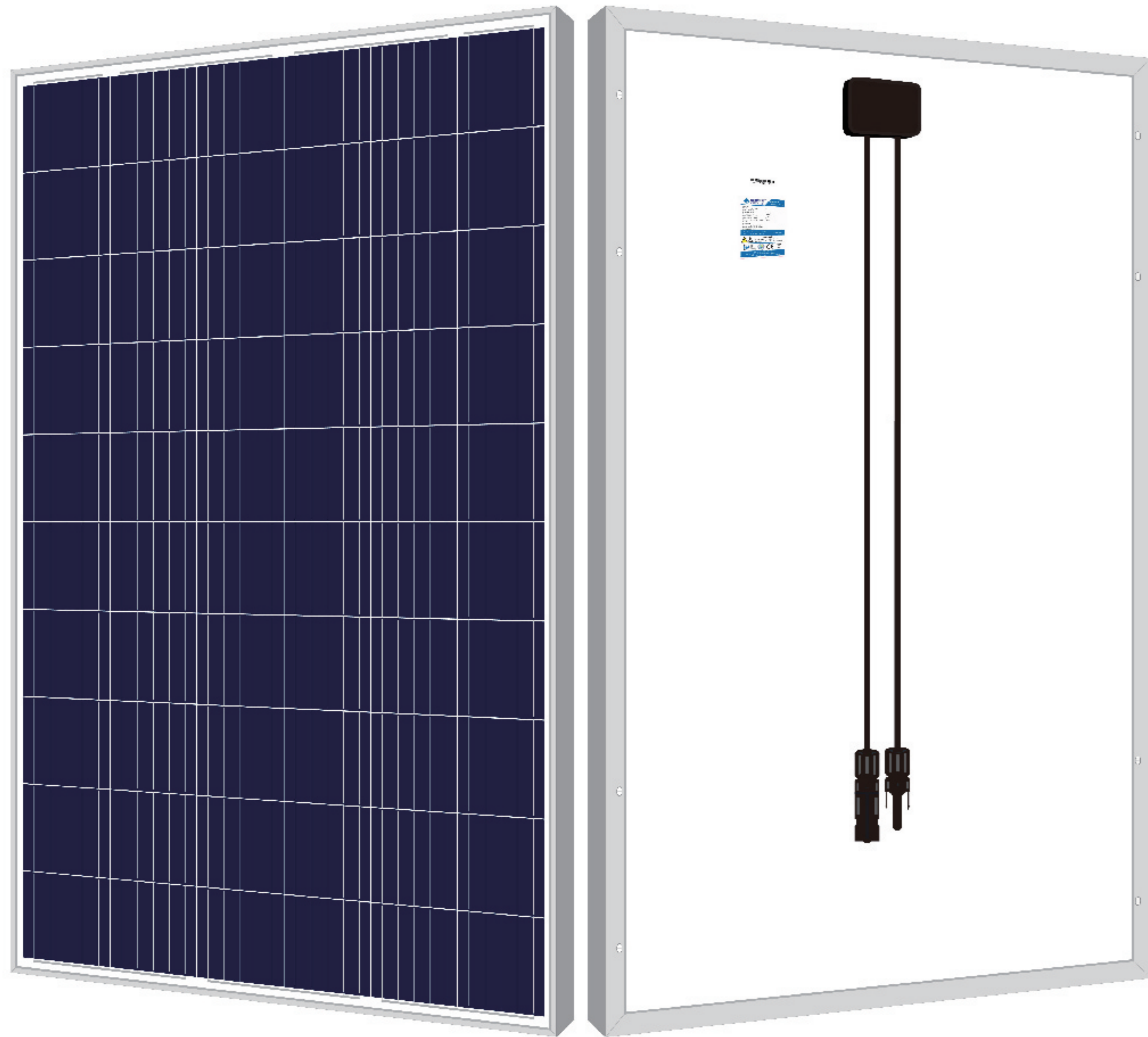




250~285 Watt



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



MANAGEMENT SYSTEM



ISO 9001: Quality management system



ISO 14001: Standard for environmental management system

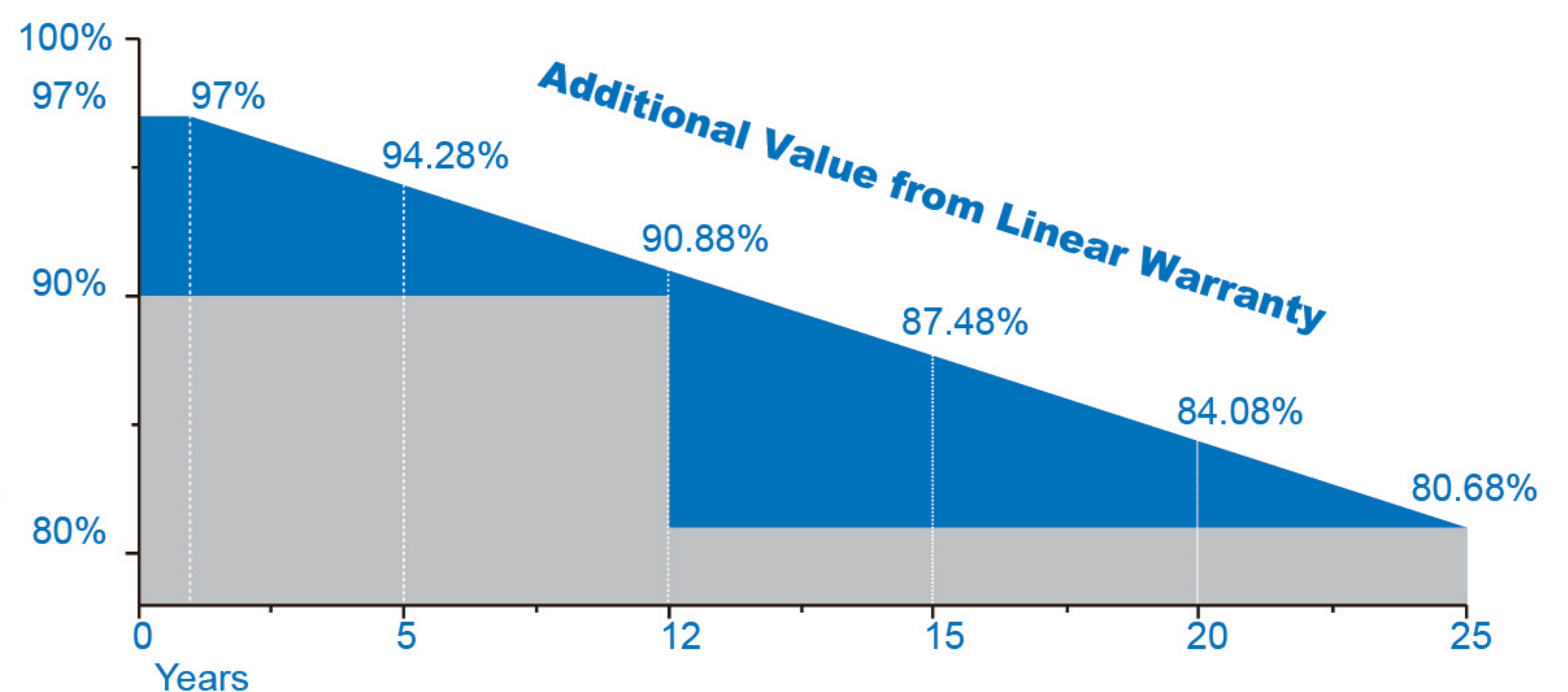


OHSAS 18001: International standard for occupational health and safety assessment system

PRODUCT CERTIFICATES



WARRANTY



10 Years
Material & Craft
Quality
assurance

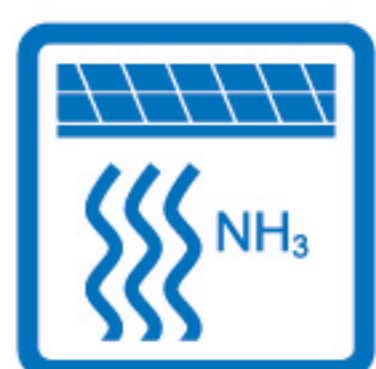
12 Years
90% Output
Power
guarantee

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

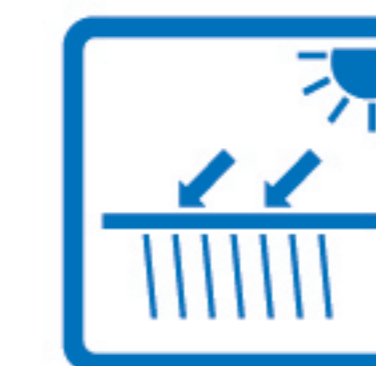
Technology



Using high efficiency mono
solar cells



Excellent performance in
low-light environments



High transmissivity, low-iron
tempered glass.



Electrical Characteristics under STC*

Module Type	FSM250P660	FSM260P660	FSM265P660	FSM270P660	FSM275P660	FSM280P660	FSM285P660
Maximum Power-Pmax (Wp)	250	260	265	270	275	280	285
Voltage at Maximum Power-Vmp (V)	30.1	30.8	31.0	31.1	31.5	31.8	32.2
Current at Maximum Power-Imp (A)	8.32	8.44	8.55	8.68	8.73	8.81	8.86
Open Circuit Voltage-Voc (V)	37.5	37.80	38.0	38.2	38.3	38.5	38.9
Short Circuit Current-Isc (A)	8.73	8.85	8.96	9.09	9.17	9.23	9.28
Module Efficiency-ηm (%)	15.4	16.0	16.2	16.5	16.9	17.2	17.5
Power Tolerance (%)	0/+3	0/+3	0/+3	0/+3	0/+3	0/+3	0/+3

Mechanical Characteristics

Cell Type	Poly-crystalline 156.75x156.75mm (6 inches)
Number of Cells	60 (6x10)
Dimension	1640x992x35 mm (64.57x39.06x1.38 inches)
Weight	20.0 kg
Front Glass	Low Iron Tempered Glass
Encapsulant	EVA
Frame	Anodized Aluminum Alloy

Temperature Characteristics

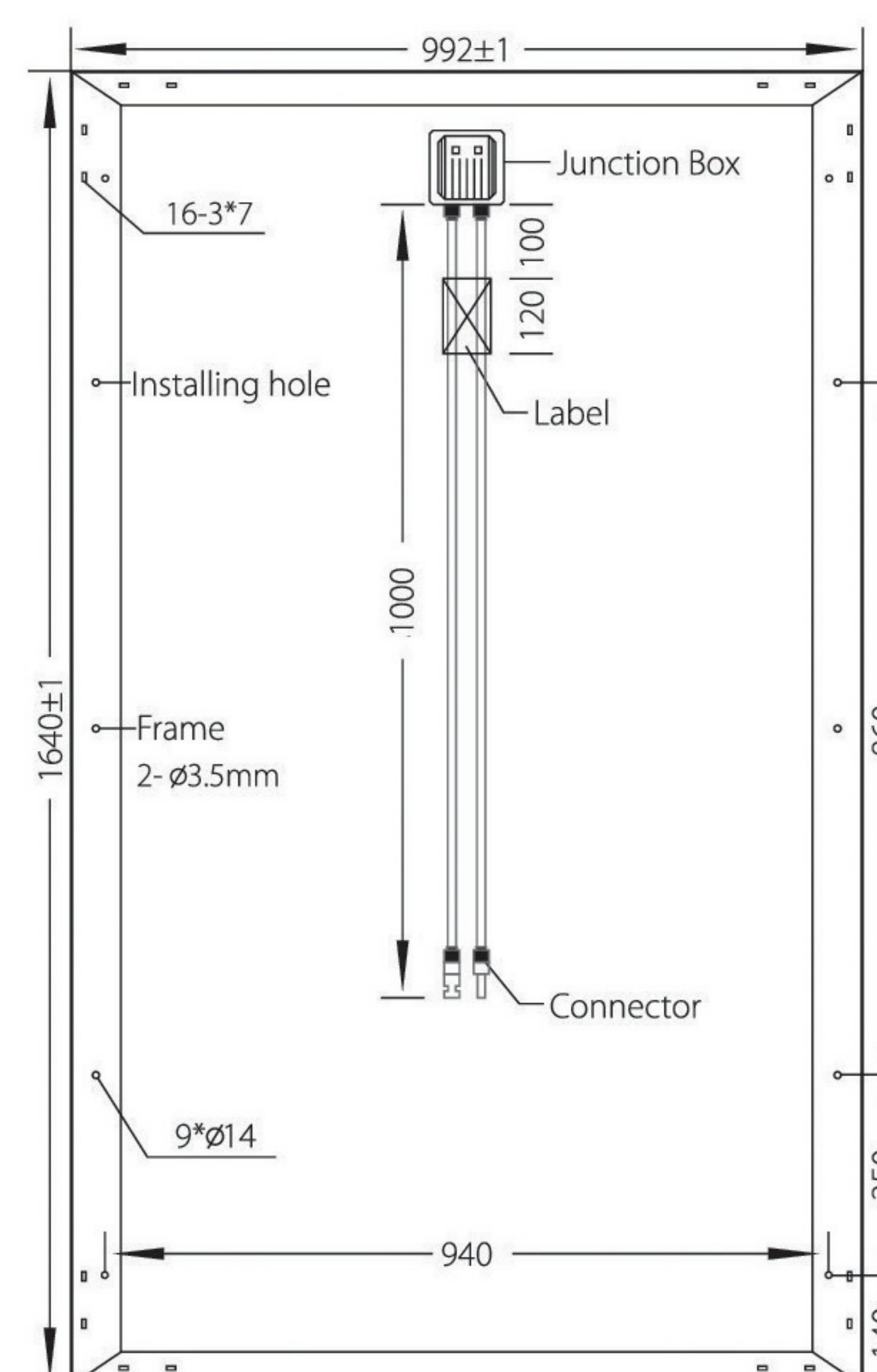
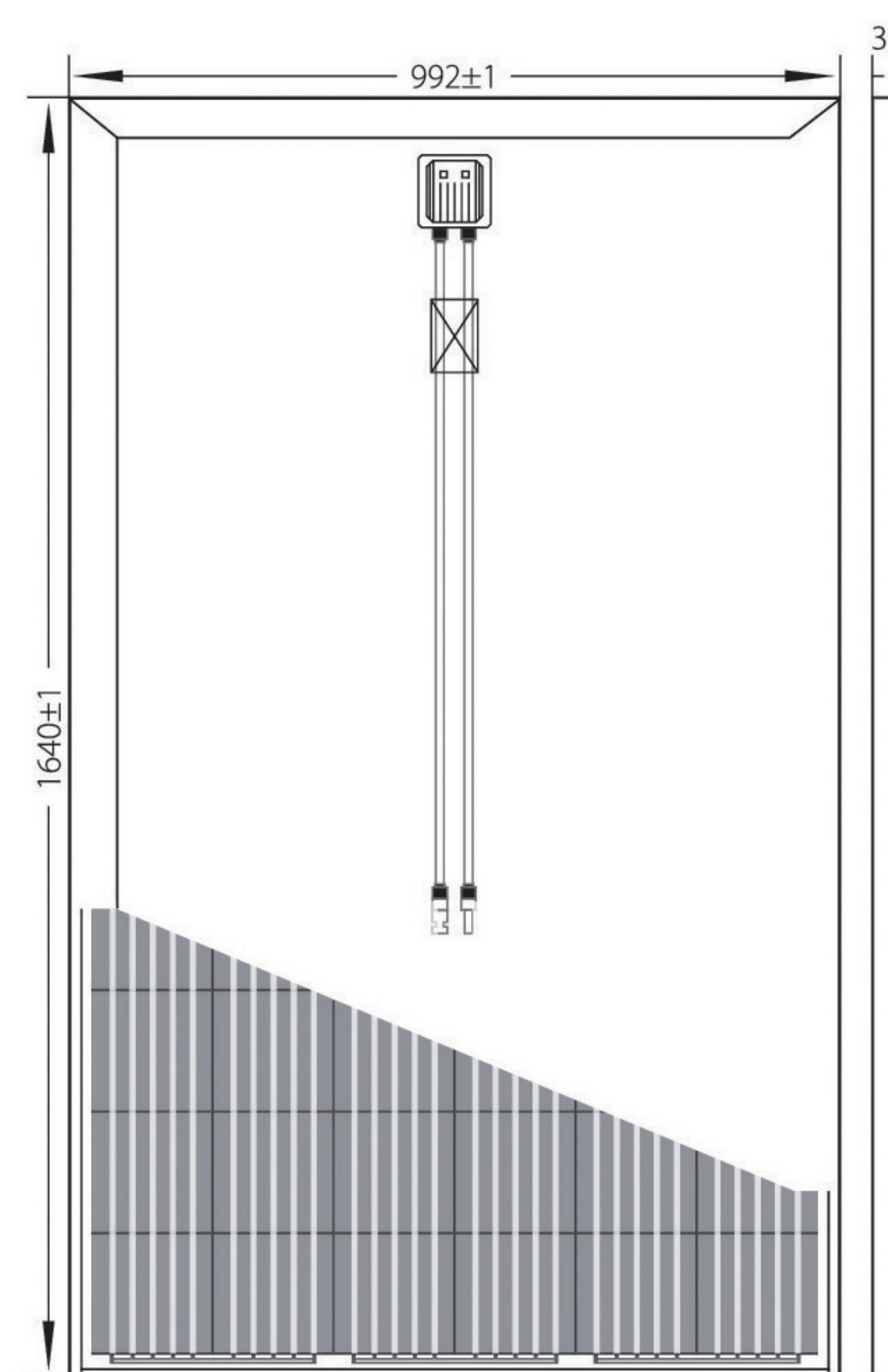
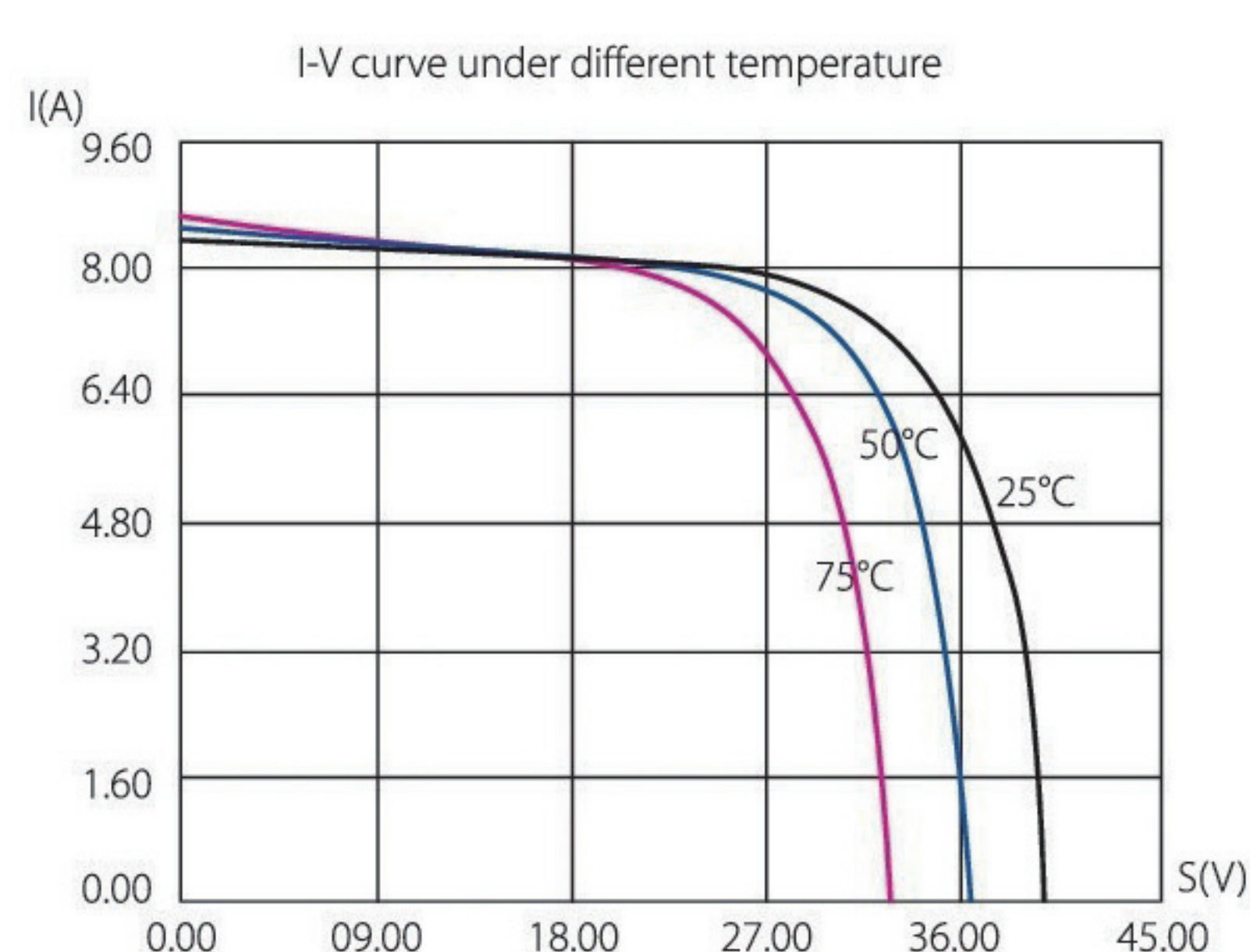
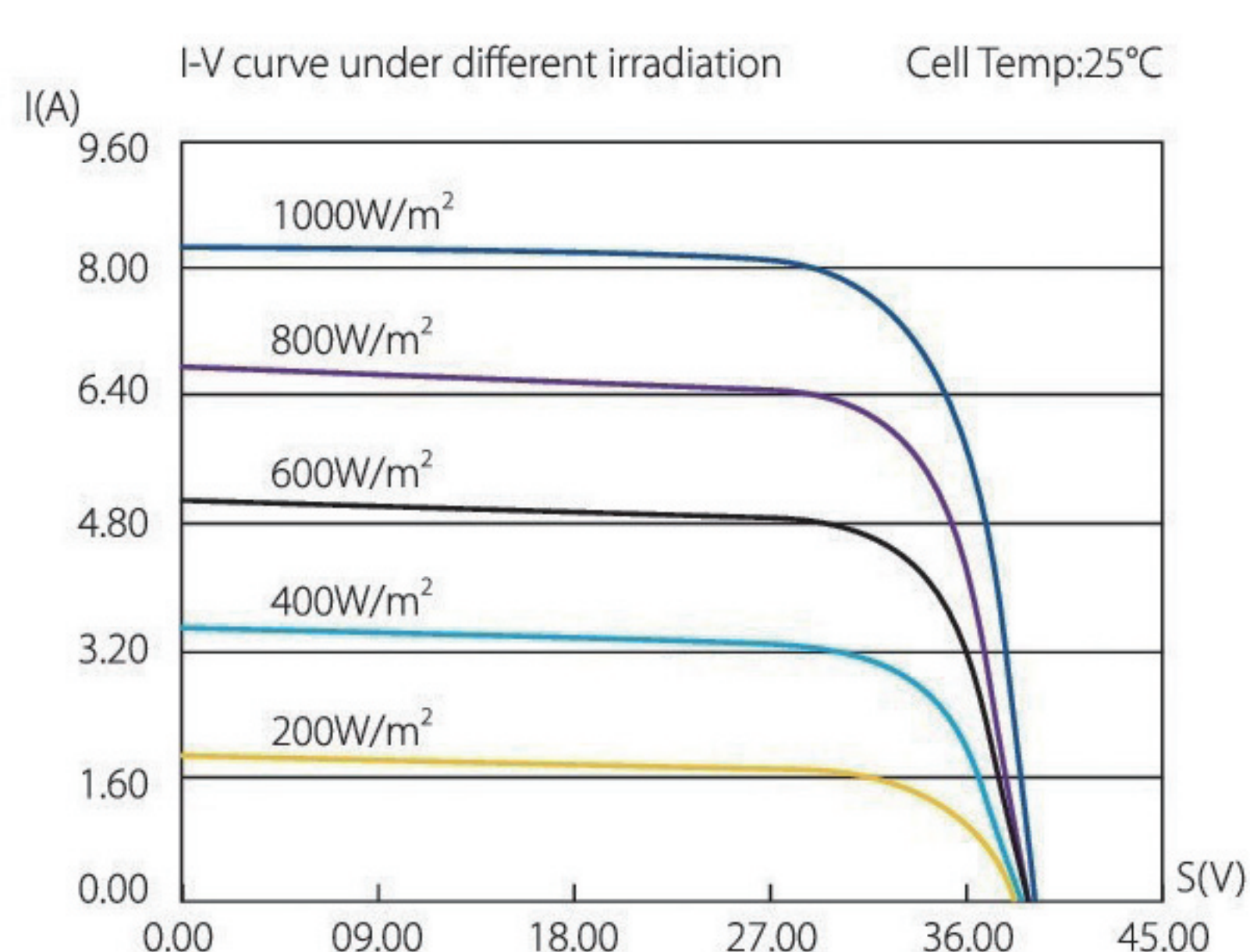
NOCT*	45±2°C
Temperature Coefficient of Pmax (%)	-0.40/°C
Temperature Coefficient of Voc (%)	-0.31/°C
Temperature Coefficient of Isc (%)	0.04/°C

Maximum System Ratings

Operating Temperature	-40°C to +80°C
Maximum System Voltage	1000V DC
Maximum Series Fuse Rating	16A

Warranty

- 10 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