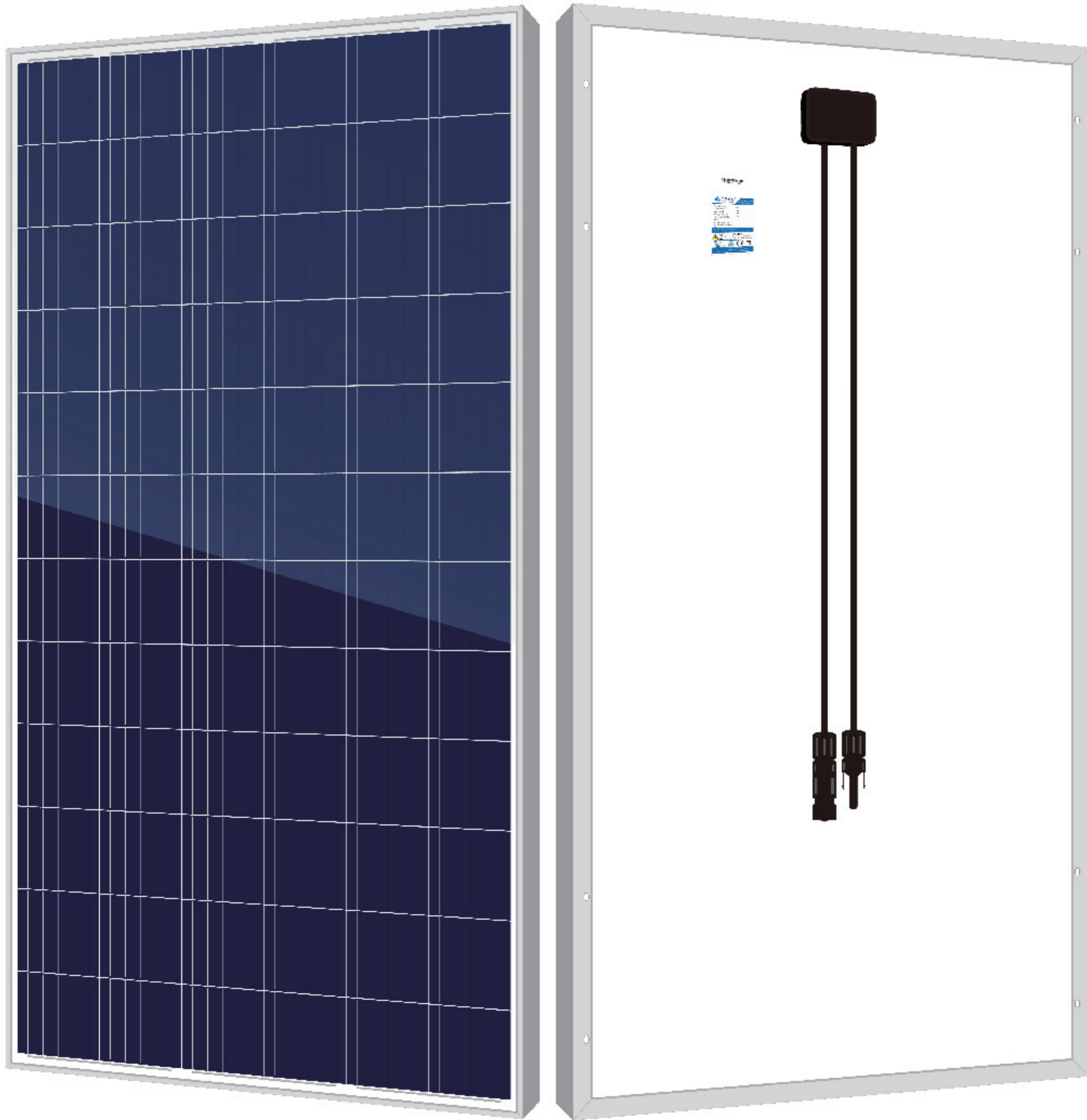




# 310~340 Watt



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



## MANAGEMENT SYSTEM



ISO 9001: Quality management system



ISO 14001: Standard for environmental management system

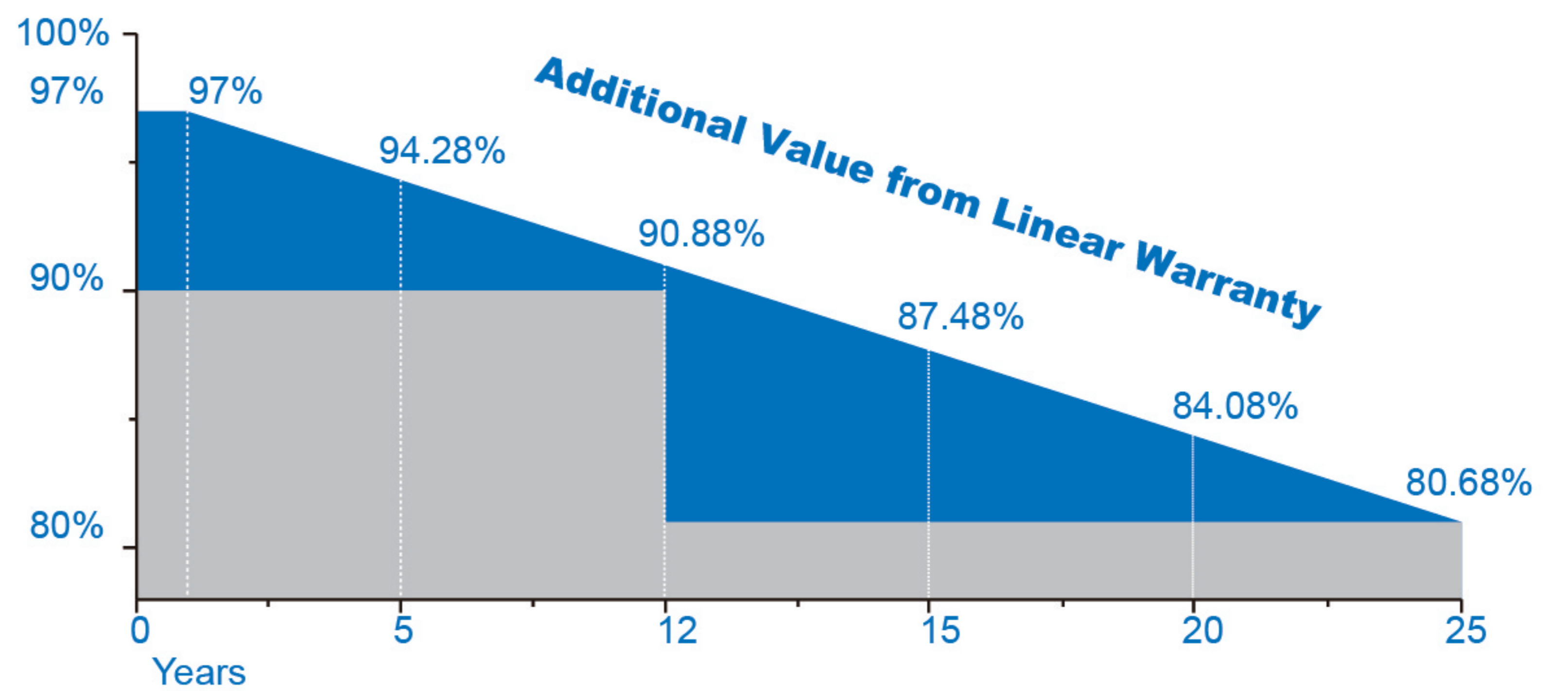


OHSAS 18001: International standard for occupational health and safety assessment system

## PRODUCT CERTIFICATES



## WARRANTY



**10** Years  
Material & Craft  
Quality  
assurance

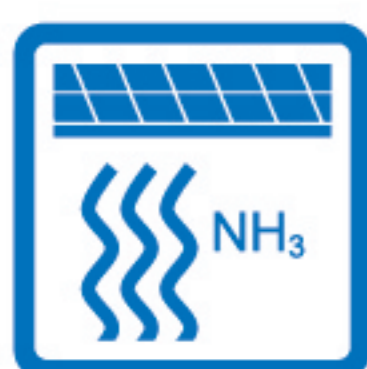
**12** Years  
90% Output  
Power  
guarantee

**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

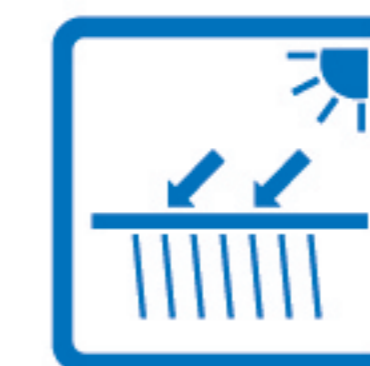
## Technology



Using high efficiency mono solar cells



Excellent performance in low-light environments



High transmissivity, low-iron tempered glass.



## Electrical Characteristics under STC\*

Module Type	FSM310P672	FSM320P672	FSM325P672	FSM330P672	FSM335P672	FSM340P672
Maximum Power-Pmax (Wp)	310	320	325	330	335	340
Voltage at Maximum Power-Vmp (V)	36.9	37.5	37.6	37.7	37.9	38.1
Current at Maximum Power-Imp (A)	8.40	8.53	8.64	8.75	8.86	8.92
Open Circuit Voltage-Voc (V)	45.3	45.7	46.1	46.3	46.5	46.6
Short Circuit Current-Isc (A)	8.86	8.94	9.34	9.45	9.55	9.64
Module Efficiency-ηm (%)	16.0	16.5	16.7	17	17.3	17.5
Power Tolerance (%)	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	72 (6x12)
Dimension	1956x992x40 mm (77.01x39.06x1.57 inches)
Weight	23.0 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

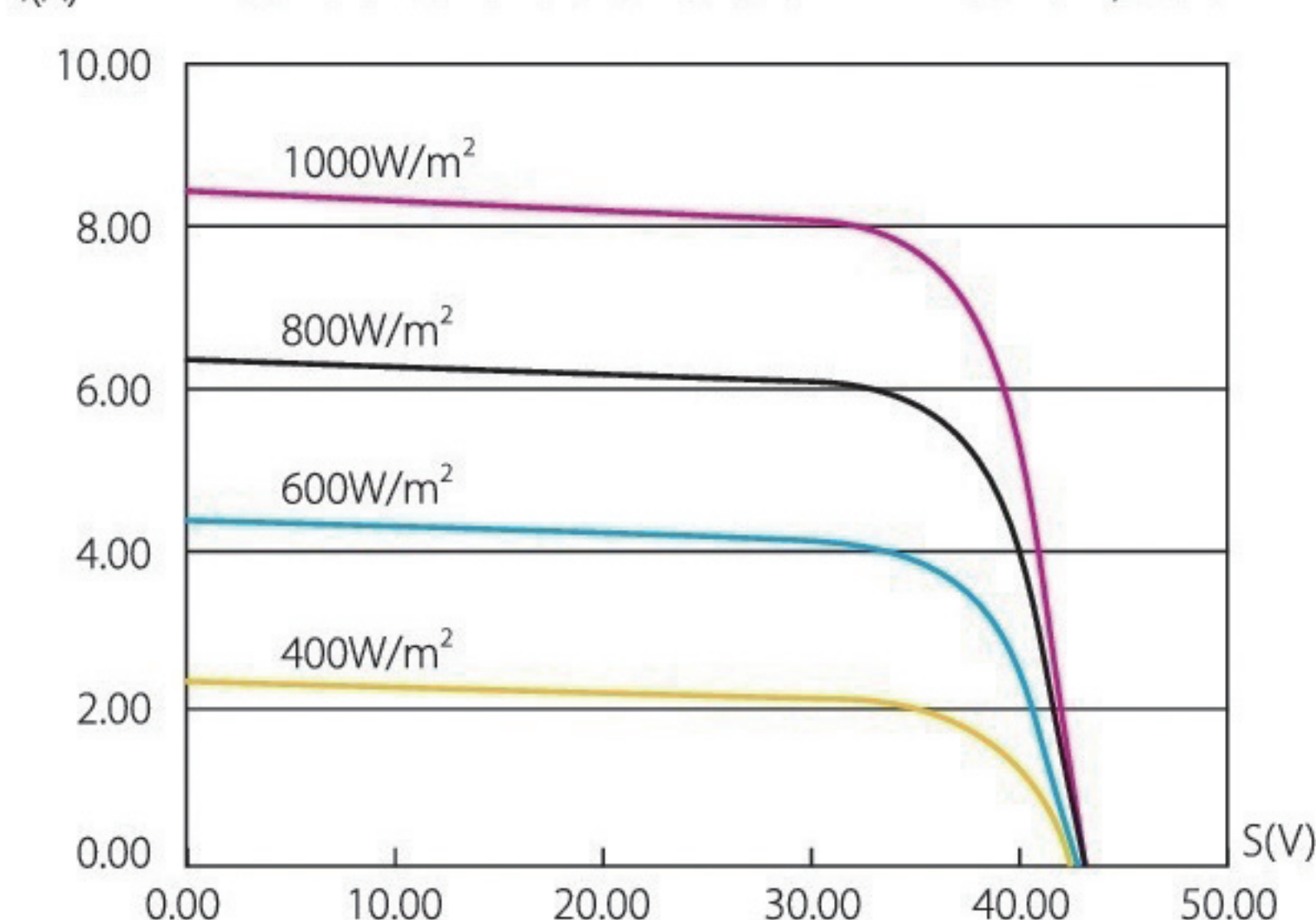
## Warranty

10 years product warranty

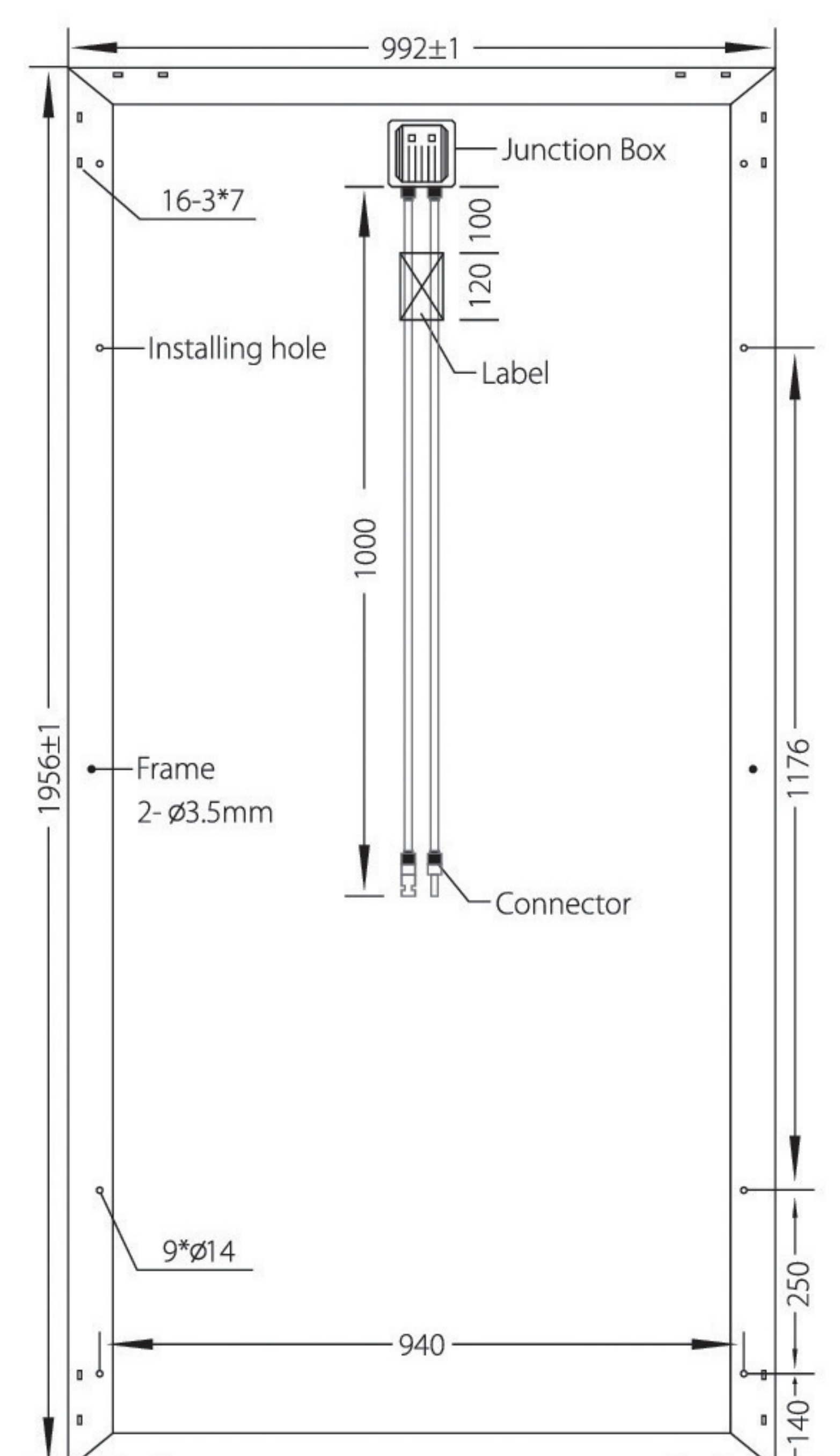
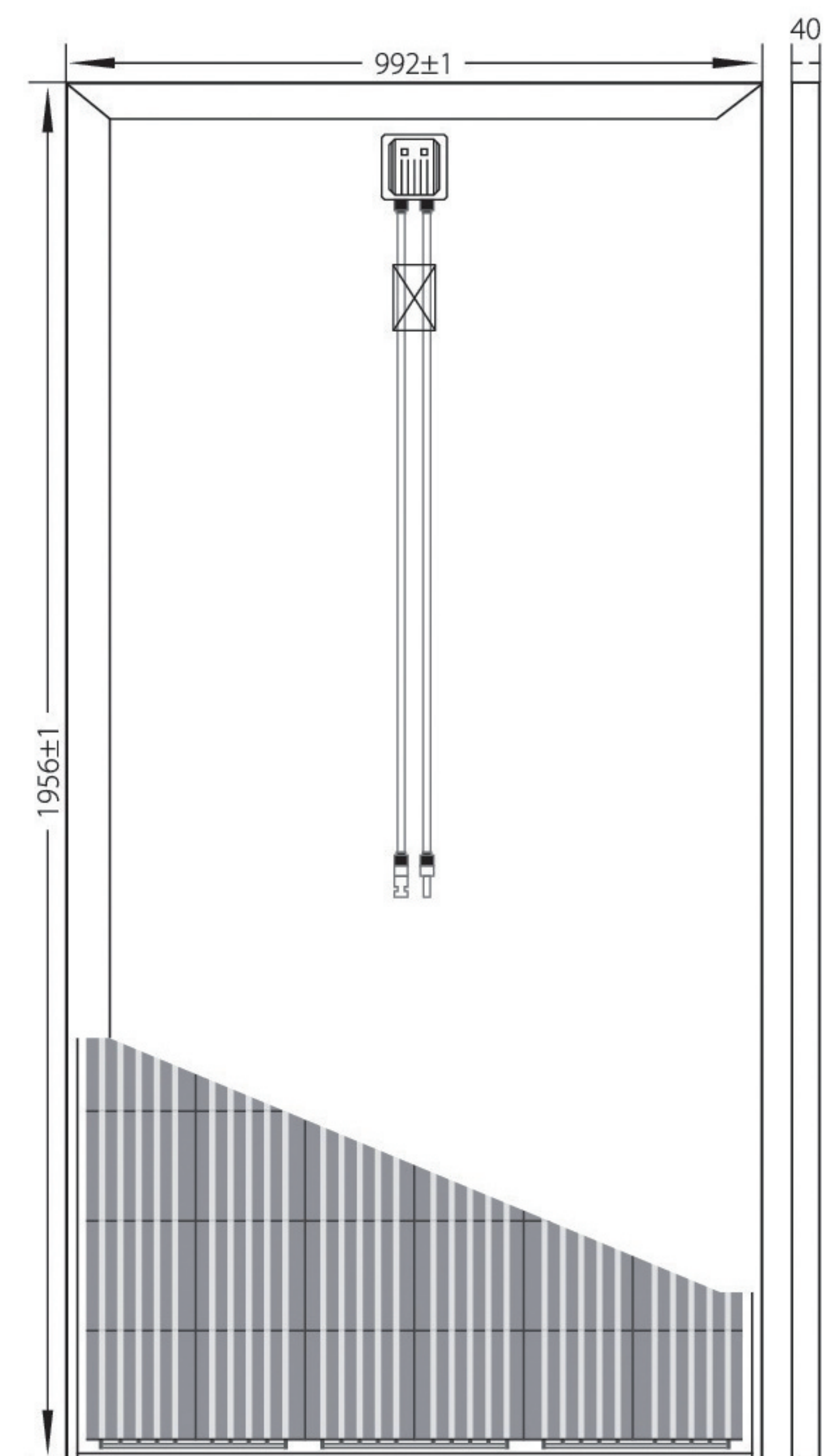
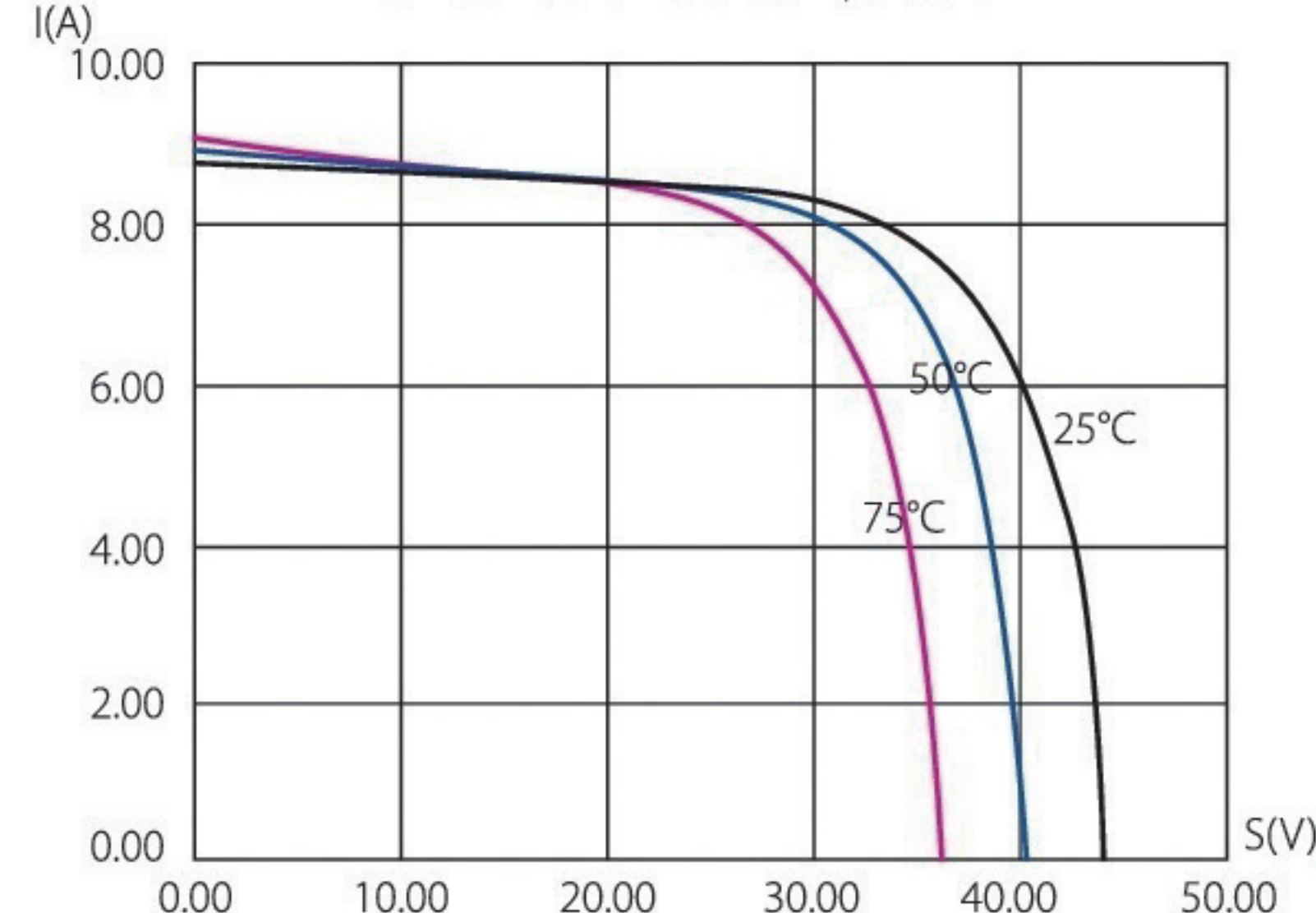
12 years warranty on 90% power output

25 years warranty on 80% power output

(A) I-V curve under different irradiation Cell Temp:25°C



(A) I-V curve under different temperature



\*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