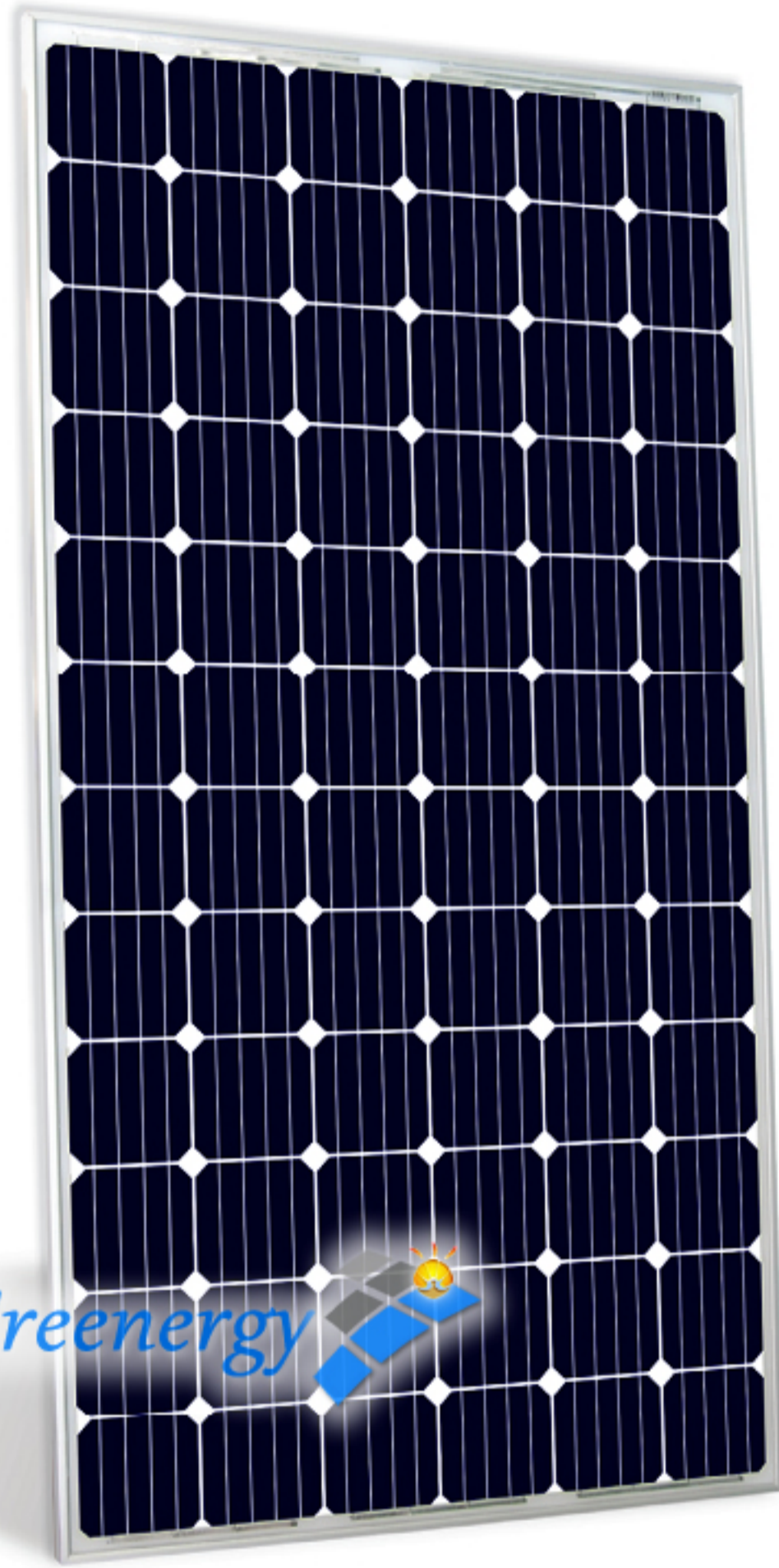


MONO-CRYSTALLINE MODULE

315/320/325/330/335/340/345M72



GREENERGY POWER
SOLAR TECHNOLOGY



High conversion efficiency



Extremely environmental testing



Salt mist corrosion resistant



IP67 Junction box



Strong compressive strength



Fire test approved



PID Resistant



3% positive tolerance



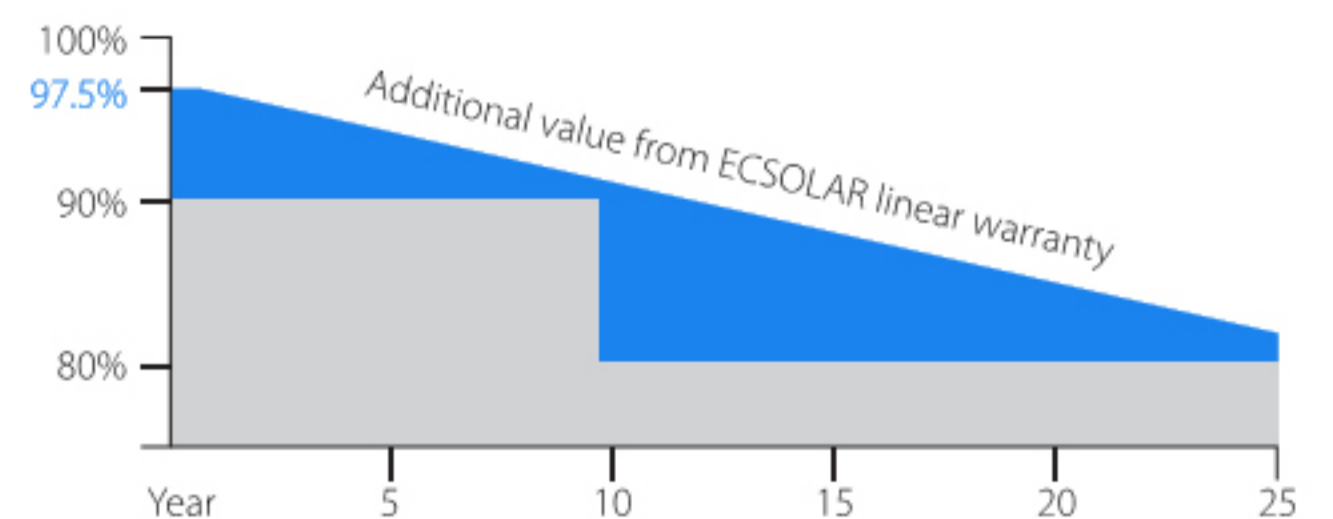
Series of internal harsh tests



Authorised photovoltaic certificates



Linear performance warranty



Electrical Characteristics under STC*

Module Type	315M72	320M72	325M72	330M72	335M72	340M72	345M72
Maximum Power-Pmax (Wp)	315	320	325	330	335	340	345
Voltage at Maximum Power-Vmp (V)	36.9	37.1	37.4	37.8	38.2	38.6	38.9
Current at Maximum Power-Imp (A)	8.54	8.63	8.71	8.73	8.77	8.81	8.87
Open Circuit Voltage-Voc (V)	45.3	45.4	46.3	46.6	46.9	47.4	47.8
Short Circuit Current-Isc (A)	8.84	8.93	9.07	9.44	9.52	9.56	9.62
Module Efficiency-ηm (%)	16.2	16.5	16.8	17	17.3	17.5	17.8
Power Tolerance (%)	0/+3	0/+3	0/+3	0/+3	0/+3	0/+3	0/+3

Mechanical Characteristics

Cell Type	Mono-crystalline	156x156 mm (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

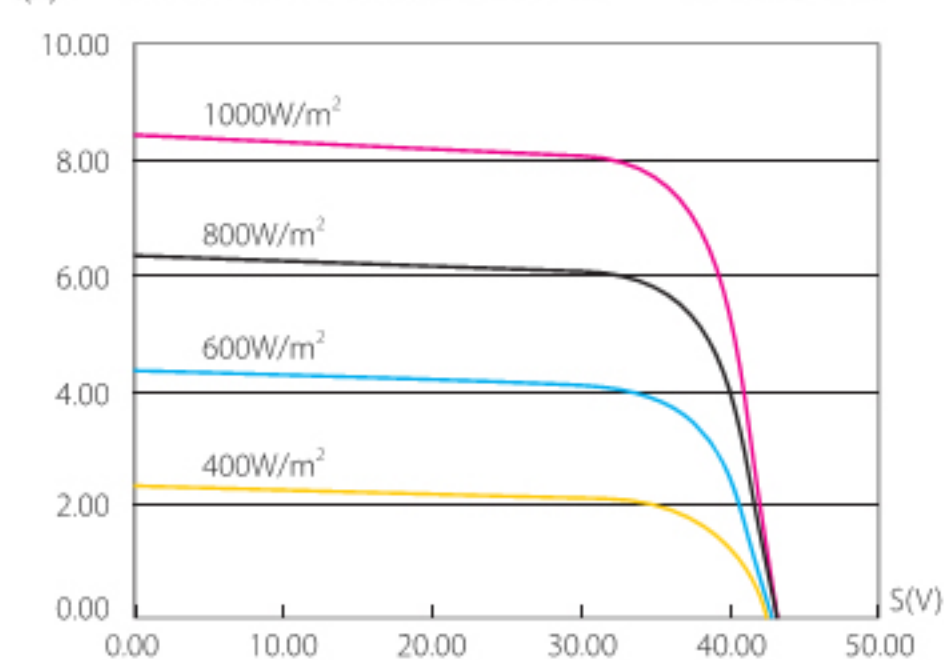
Warranty

12 years product warranty

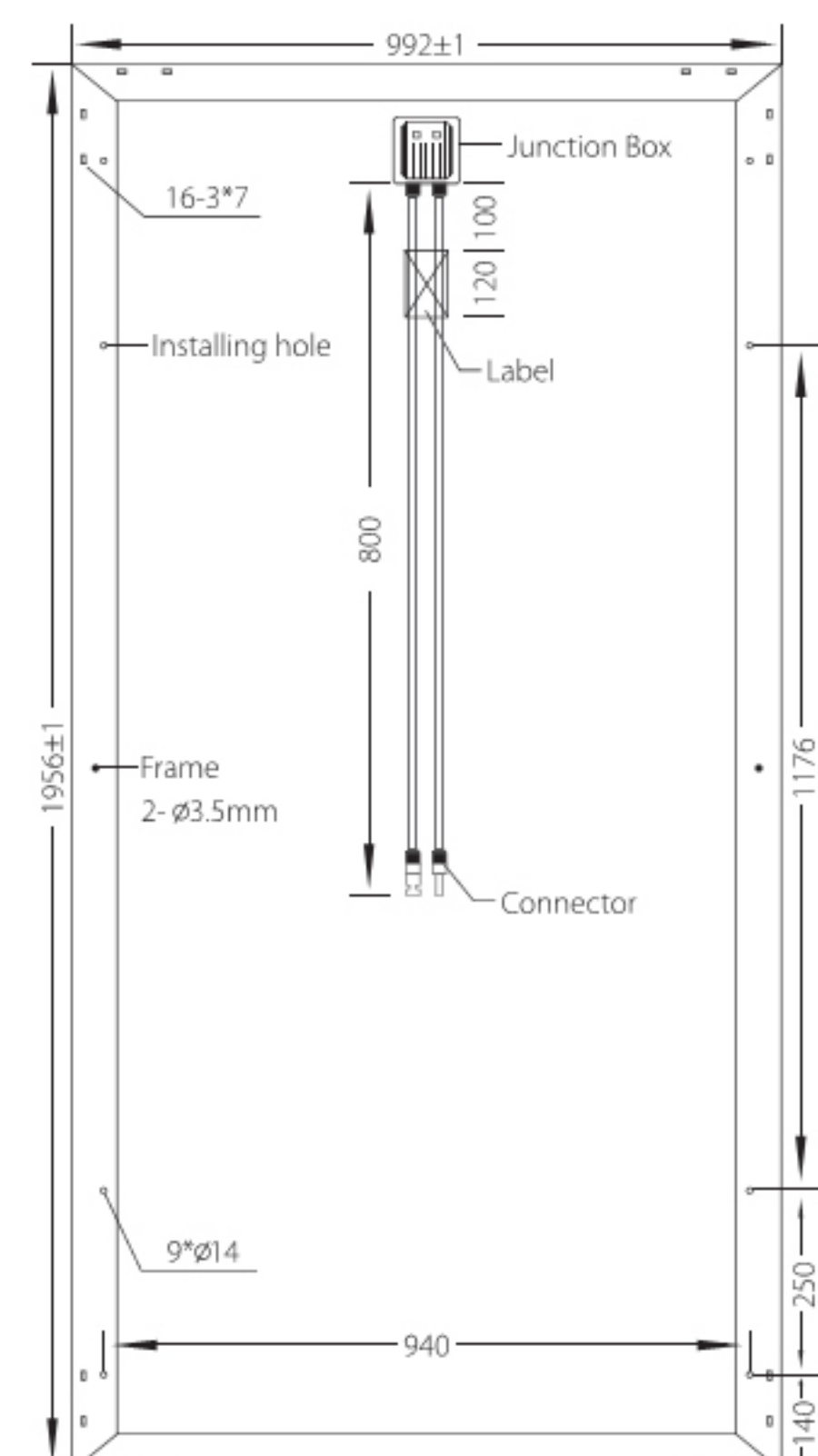
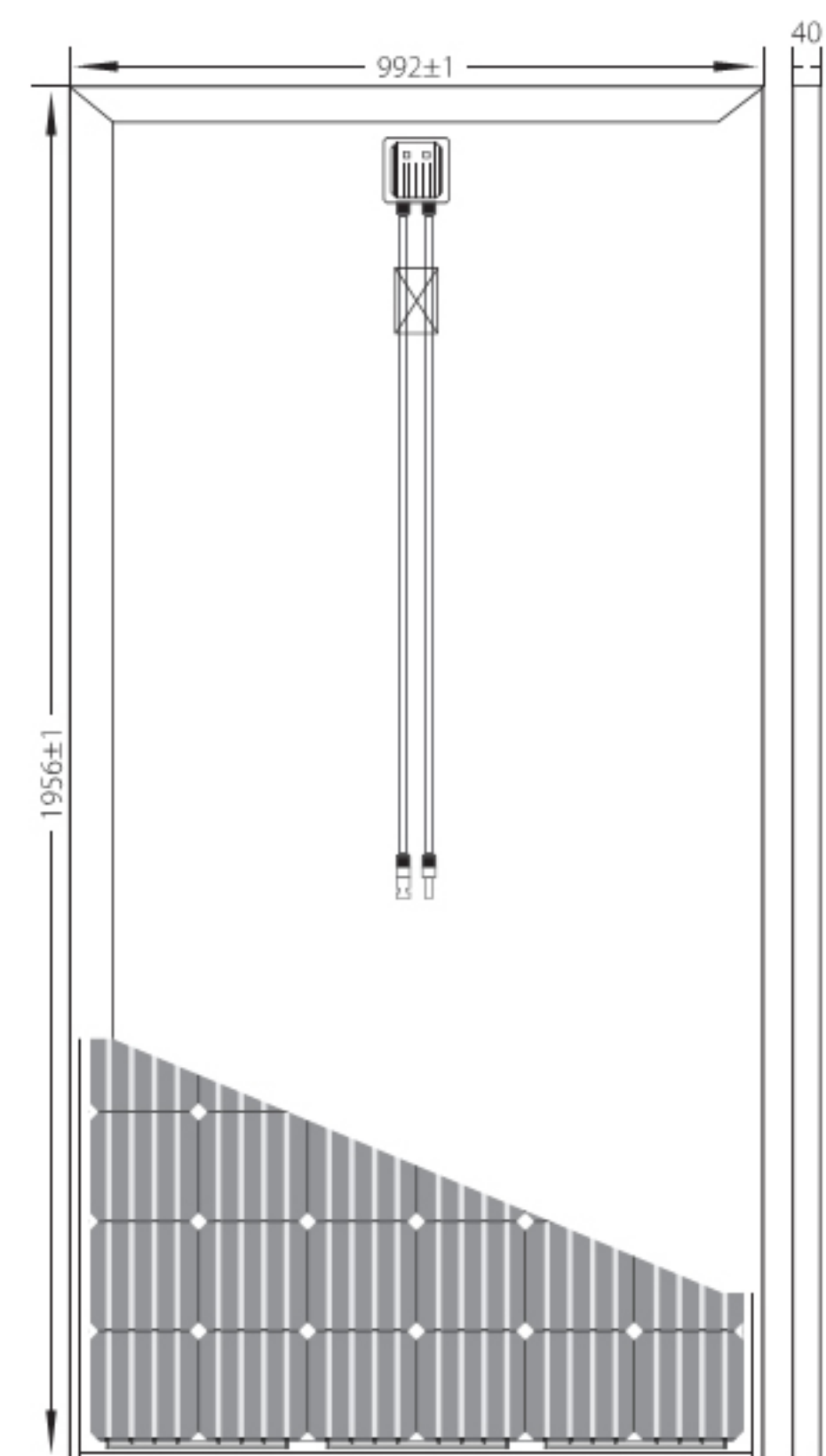
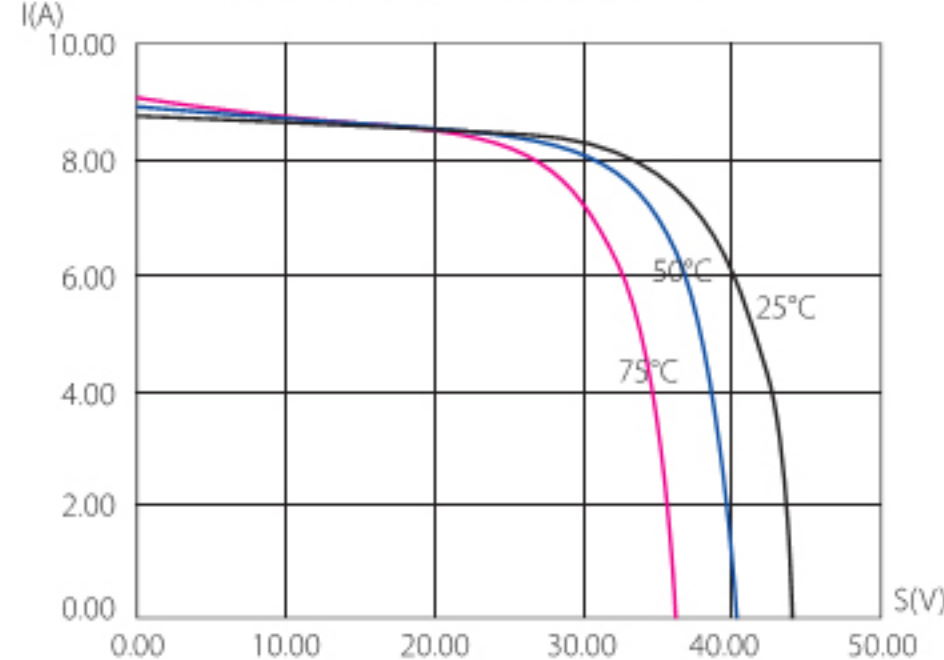
12 years warranty on 90% power output

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 1000 W/m², cell temperature 25 °C, AM=1.5
ambient temperature 20 °C, wind speed 1 m/s

*NOCT (Nominal Operating Cell Temperature): Irradiance 800 W/m²,
The specifications in this datasheet are subjected to change without prior notice