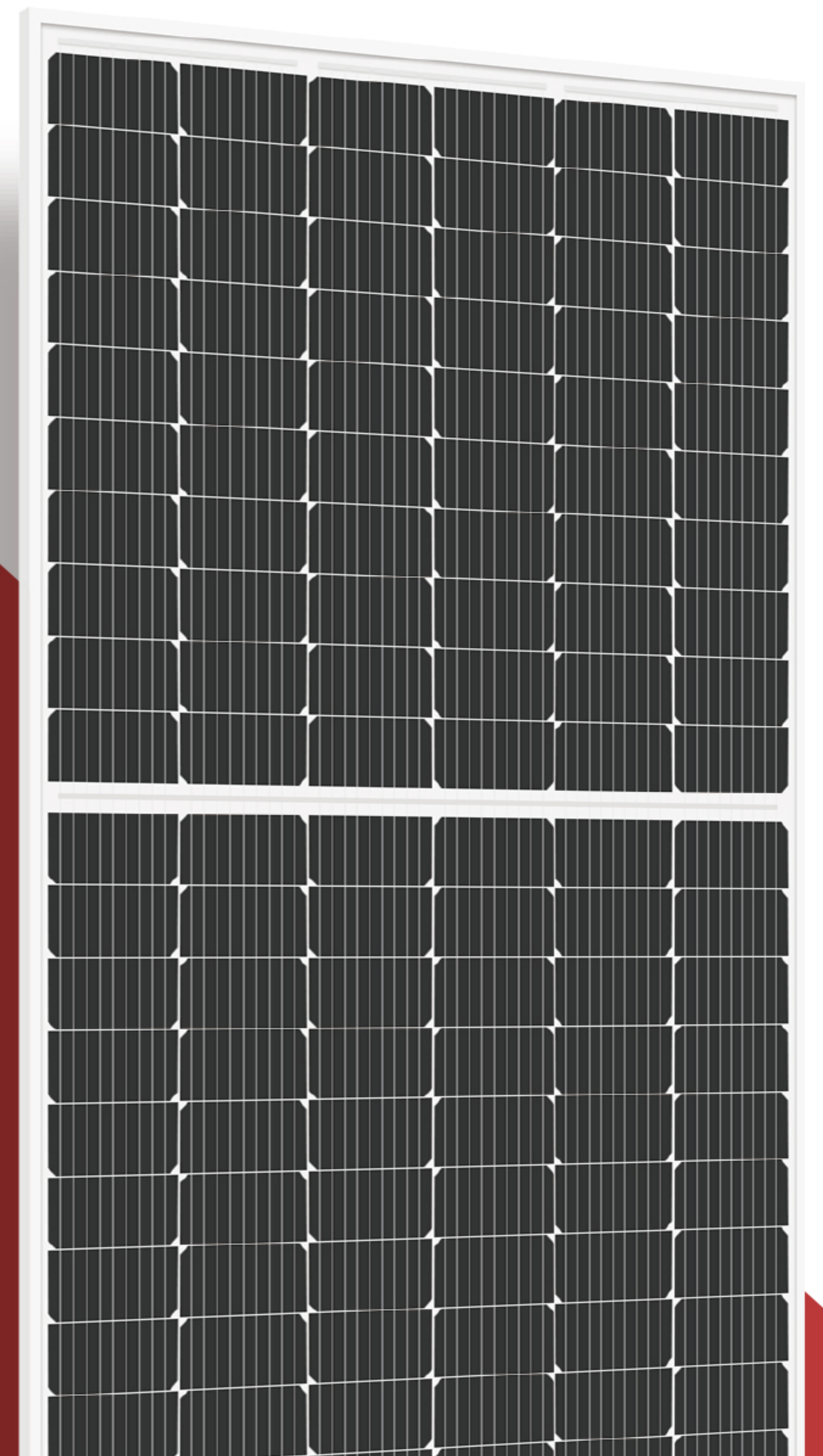




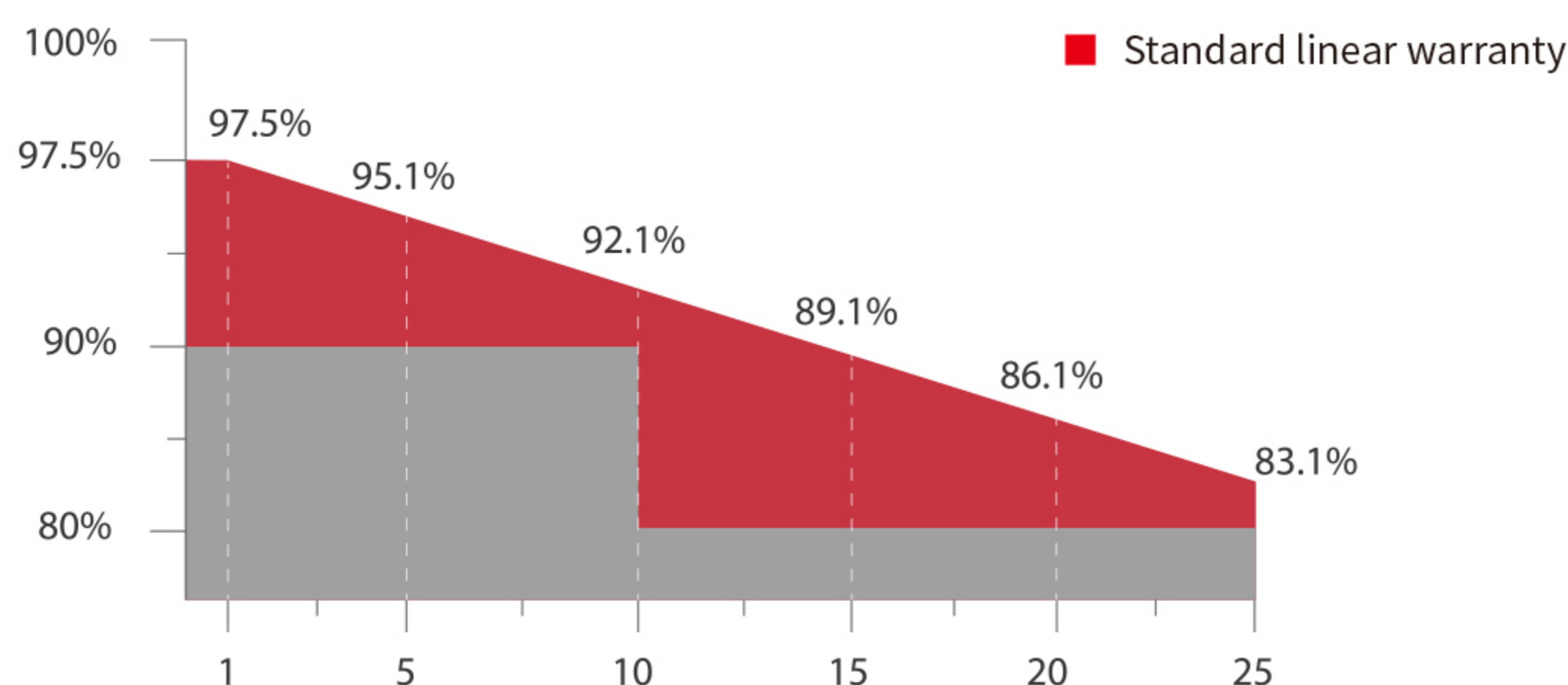
HS-M166H660-360-380W

# 360-380W Mono

Suitable for ground power plants and large projects.  
166mm silicon wafers with multi-busbar and half-cut cell technologies. Resistant to harsh environments such as salt, ammonia, sand, high temperature and high humidity areas  
High module quality ensures long-term reliability.



## Linear performance Warranty



Linear performance warranty



Product warranty

## Comprehensive Certificates

### CERTIFICATION

- IEC61215/IEC61730
- ISO9001:Quality Management System
- ISO14001:Environmental Management System
- ISO45001:Occupational Health and Safety Management System



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## Electrical Specification (STC\*)

Maximum Power	P <sub>max</sub> (W)	360	365	370	375	380
Maximum Power Voltage	V <sub>mp</sub> (V)	33.74	34.09	34.46	34.83	35.20
Maximum Power Current	I <sub>mp</sub> (A)	10.67	10.71	10.74	10.78	10.82
Open Circuit Voltage	V <sub>oc</sub> (V)	40.39	40.67	40.95	41.23	41.51
Short Circuit Current	I <sub>sc</sub> (A)	11.13	11.16	11.18	11.20	11.22
Module Efficiency	(%)	19.7	20.0	20.3	20.6	20.9
Power Output Tolerance	(W)	0~+5				

\* Irradiance 1000W/m<sup>2</sup>, Module Temperature 25°C, Air Mass 1.5

## Electrical Specification (NOCT\*)

Maximum Power	P <sub>max</sub> (W)	266.75	270.92	274.23	277.53	279.94
Maximum Power Voltage	V <sub>mp</sub> (V)	31.12	31.35	31.48	31.61	31.74
Maximum Power Current	I <sub>mp</sub> (A)	8.57	8.64	8.71	8.78	8.85
Open Circuit Voltage	V <sub>oc</sub> (V)	38.20	38.40	38.60	38.80	38.90
Short Circuit Current	I <sub>sc</sub> (A)	9.03	9.09	9.15	9.21	9.27

\* Irradiance 800W/m<sup>2</sup>, Ambient Temperature 20°C, Wind Speed 1m/s

## Mechanical Data

Number of Cells	120 Cells (6×20)
Dimensions of Module L*W*H (mm)	1755×1038×35mm (69.09×40.86×1.38 inches)
Weight (kg)	20.6 kg
Glass	High transparency solar glass 3.2mm (0.13 inches)
Backsheet	White
Frame	Silver, anodized aluminium alloy
J-Box	IP68 Rated
Cable	4.0mm <sup>2</sup> (0.006 inches <sup>2</sup> ), 300mm (11.8 inches)
Number of diodes	3
Wind/ Snow Load	2400Pa/ 5400Pa*
Connector	MC Compatible

\* For more details please check the installation manual

## Temperature Ratings

Nominal Operating Cell Temperature (NOCT)	44±2°C
Temperature Coefficient of I <sub>sc</sub>	+0.06%/°C
Temperature Coefficient of V <sub>oc</sub>	-0.30%/°C
Temperature Coefficient of P <sub>MAX</sub>	-0.39%/°C

## Maximum Ratings

Operational Temperature	-40~+85°C
Maximum System Voltage	1500V DC -(H)
Max Series Fuse Rating	20A

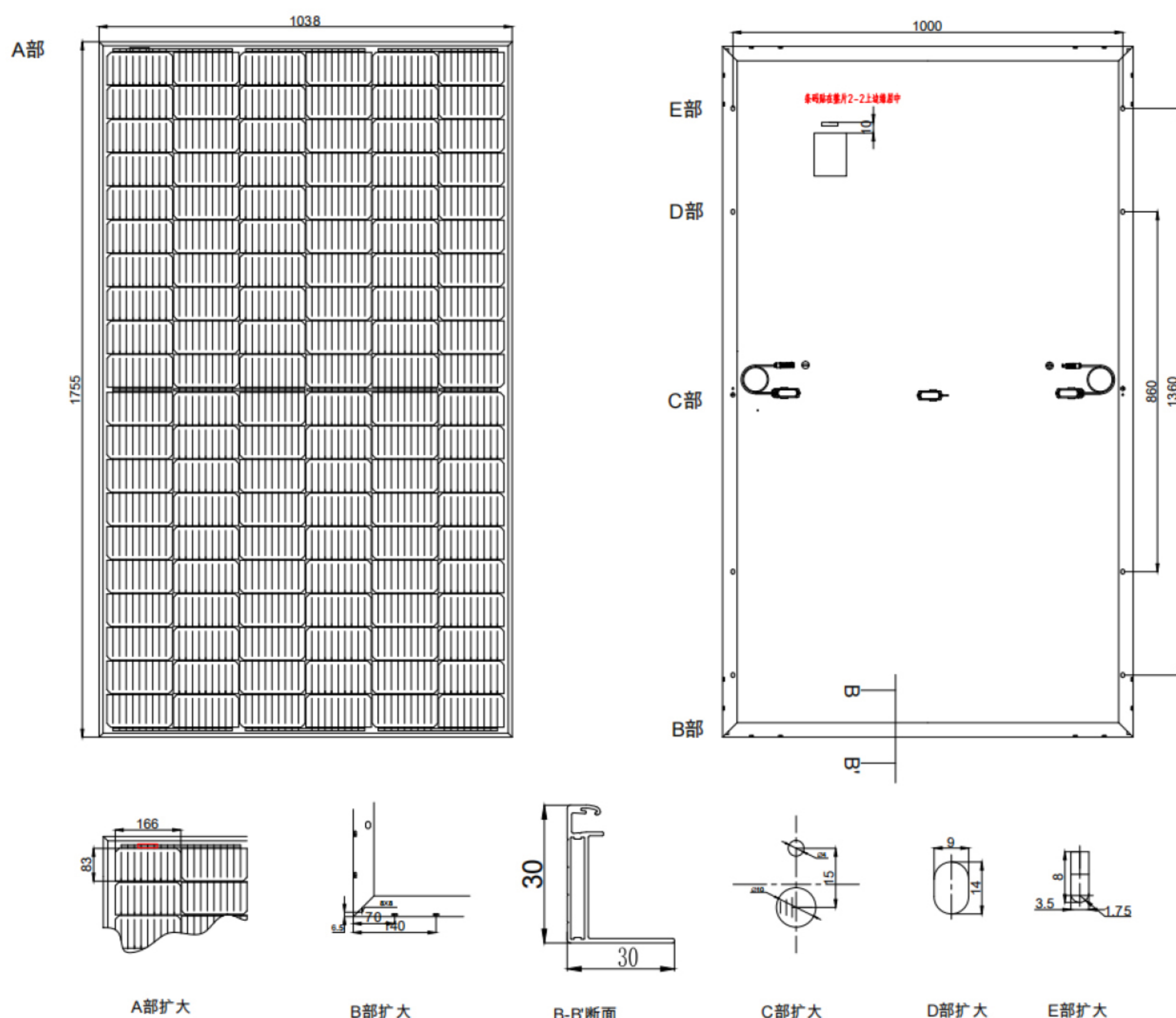
## Packaging Configuration

Module per box	31 pieces
Module per 40' container	806 pieces

## Optional

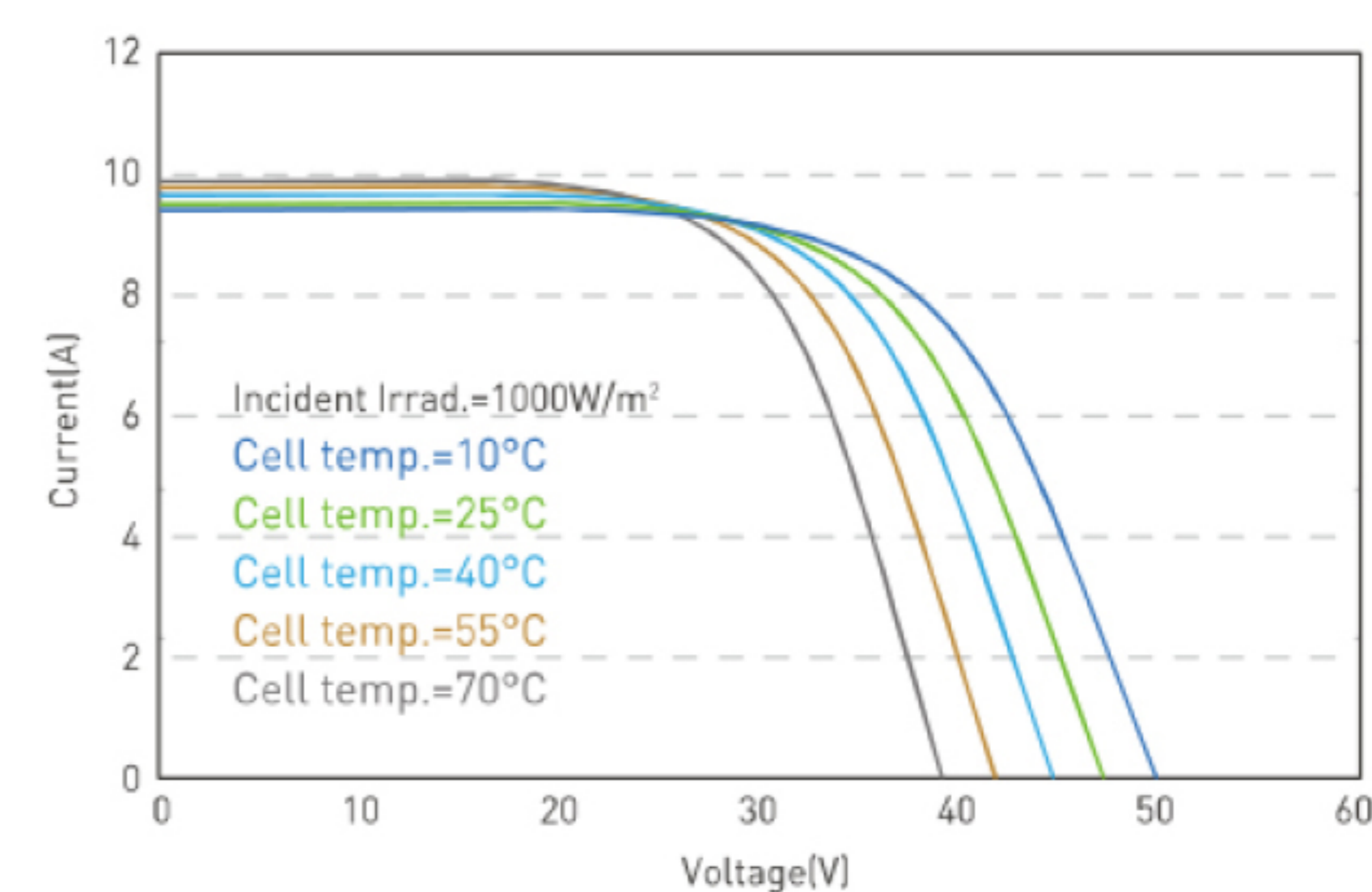
Connector  MC Original

## ENGINEERING DRAWINGS



## IV CURVES

I-V Curve at Different Temperature (355W)



I-V/P-V Curve at Different Irradiation (355W)

