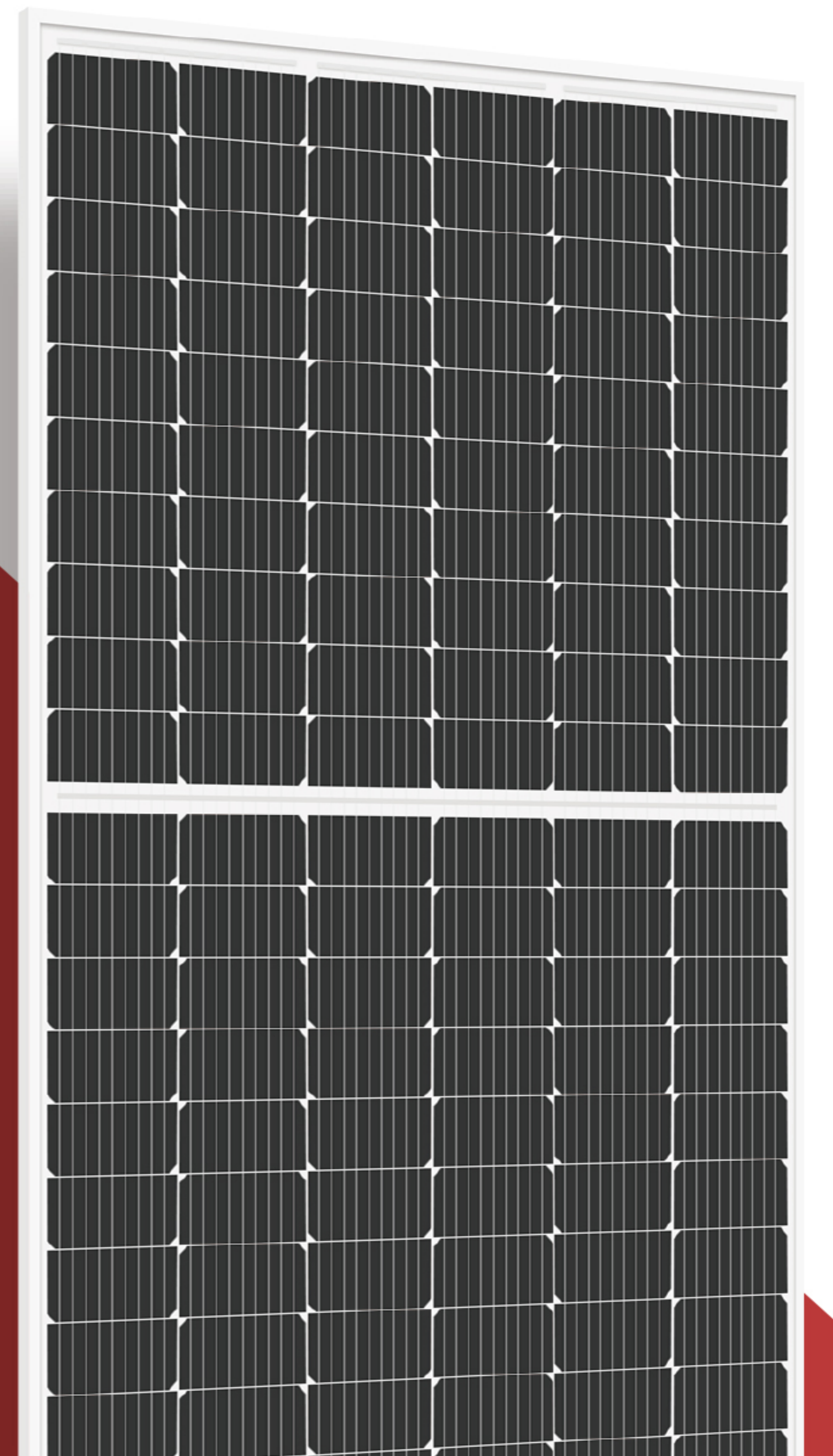
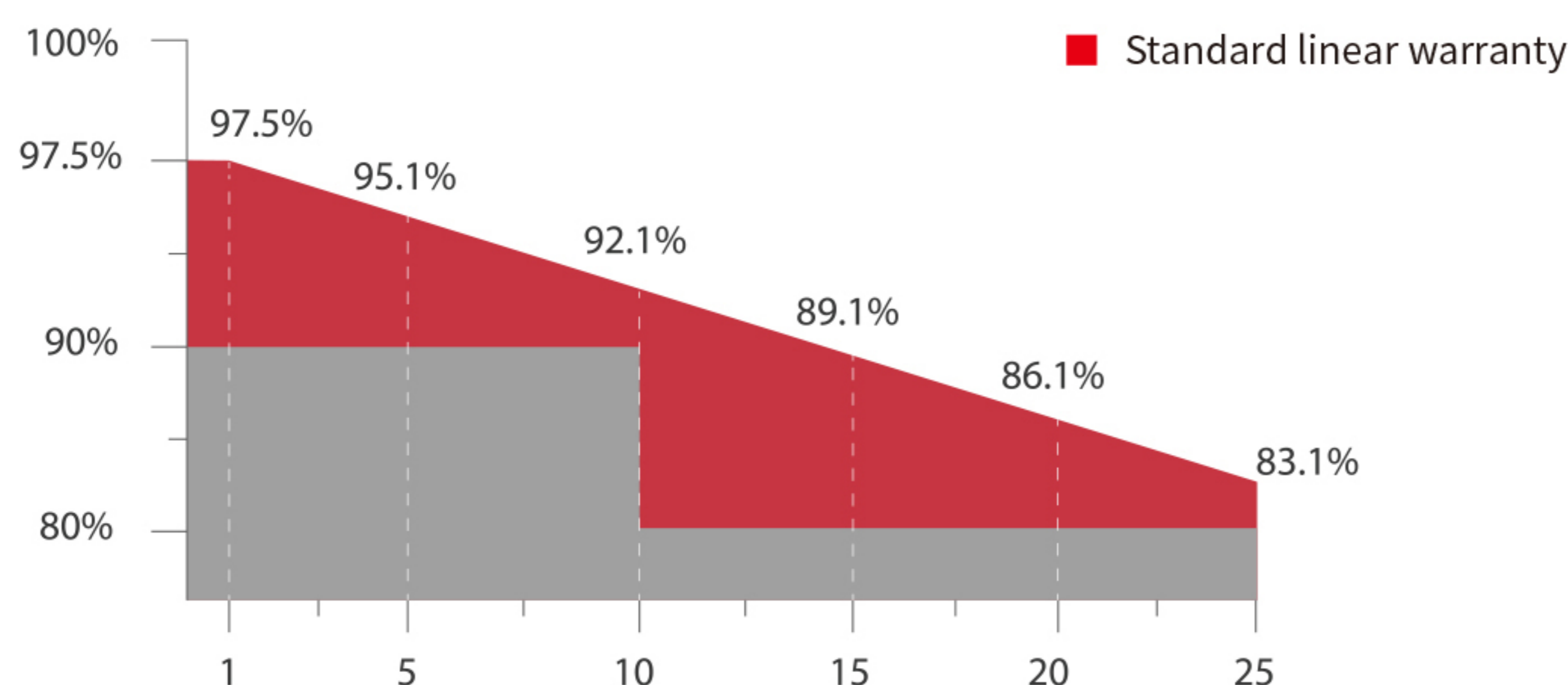


390-410W Mono

Suitable for ground power plants and large projects.
 182mm 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



Electrical Specification (STC*)

Maximum Power	P _{max} (W)	390	395	400	405	410
Maximum Power Voltage	V _{mp} (V)	30.76	30.98	31.18	31.38	31.59
Maximum Power Current	I _{mp} (A)	12.69	12.76	12.83	12.91	12.98
Open Circuit Voltage	V _{oc} (V)	36.62	36.84	37.04	37.24	37.45
Short Circuit Current	I _{sc} (A)	13.59	13.66	13.73	13.81	13.88
Module Efficiency	(%)	19.9	20.2	20.5	20.7	21.0
Power Output Tolerance	(W)	0~+5				

* Irradiance 1000W/m², Module Temperature 25°C, Air Mass 1.5

Electrical Specification (NOCT*)

Maximum Power	P _{max} (W)	294	298	302	306	309
Maximum Power Voltage	V _{mp} (V)	28.40	28.60	28.80	29.00	29.20
Maximum Power Current	I _{mp} (A)	10.38	10.44	10.50	10.56	10.62
Open Circuit Voltage	V _{oc} (V)	34.40	34.60	34.80	35.00	35.20
Short Circuit Current	I _{sc} (A)	10.93	10.98	11.04	11.10	11.16

* Irradiance 800W/m², Ambient Temperature 20°C, Wind Speed 1m/s

Mechanical Data

Number of Cells	108 Cells (6x18)
Dimensions of Module L*W*H (mm)	1726x1134x35mm (67.95x44.64x1.38 inches)
Weight (kg)	22.1 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 ² (0.006 inches ²), 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 _{sc}	+0.048%/°C
Temperature Coefficient of V _{oc}	-0.270%/°C
Temperature Coefficient of P _{MAX}	-0.350%/°C

Maximum Ratings

Operational Temperature	-40~+85°C
Maximum System Voltage	1500V DC -(H)
Max Series Fuse Rating	25A

Packaging Configuration

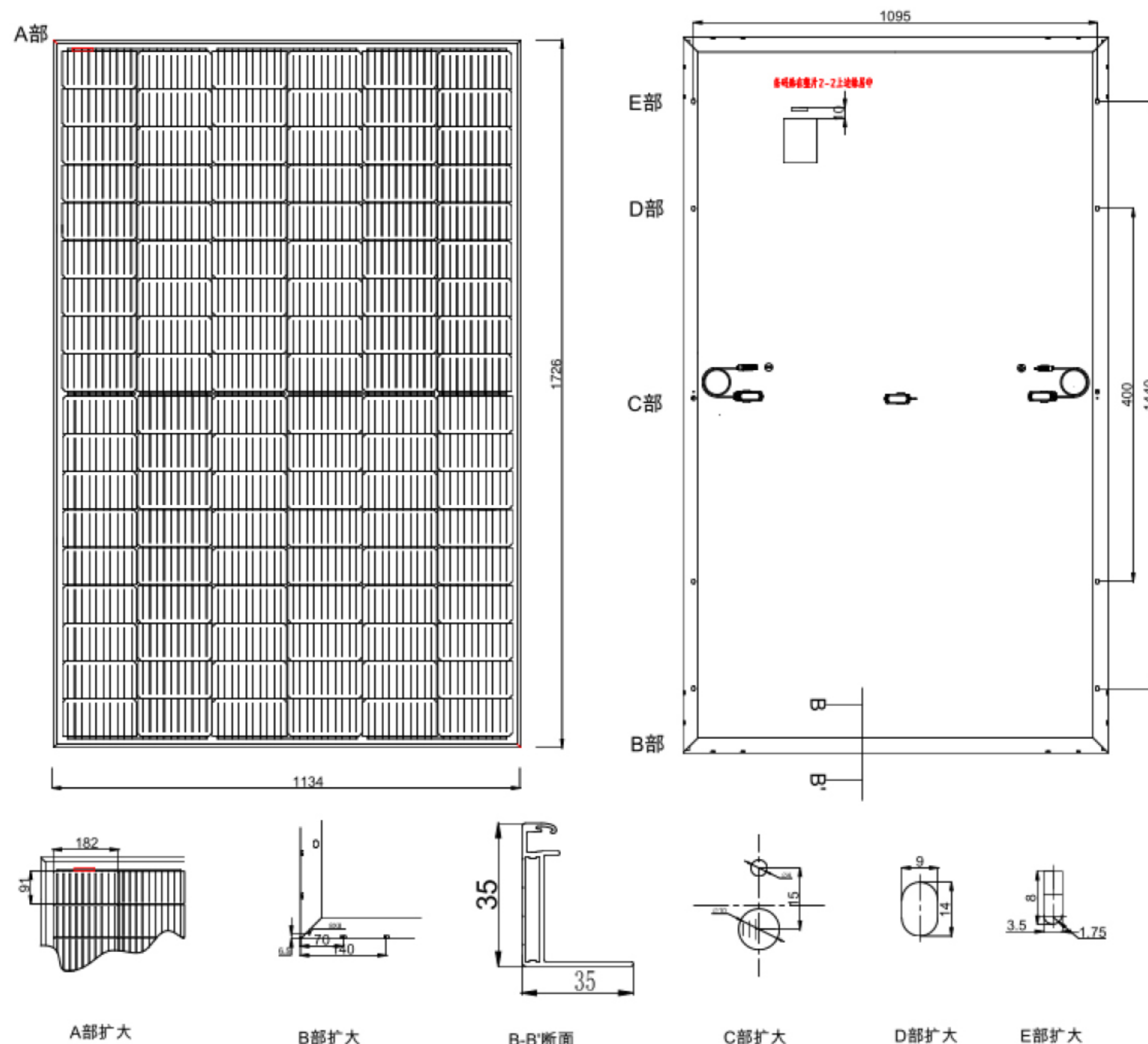
Module per box	31 pieces
Module per 40' container	806 pieces

Optional

Connector	MC Original
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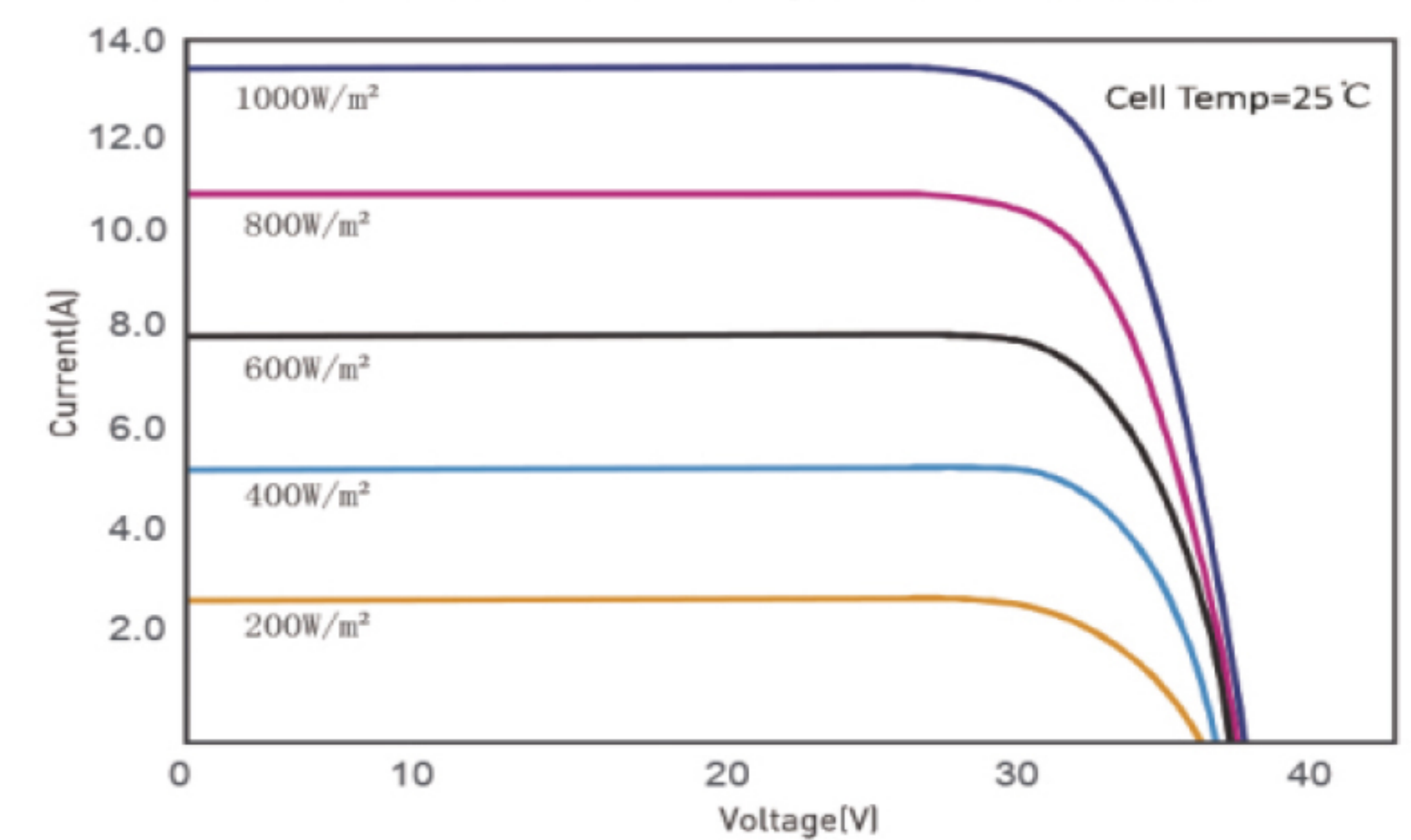
ENGINEERING DRAWINGS

182版型108组件-35型材-总装图纸



IV CURVES

I-V Curve at Different Temperature (405W)



I-V/P-V Curve at Different Irradiation (405W)

