

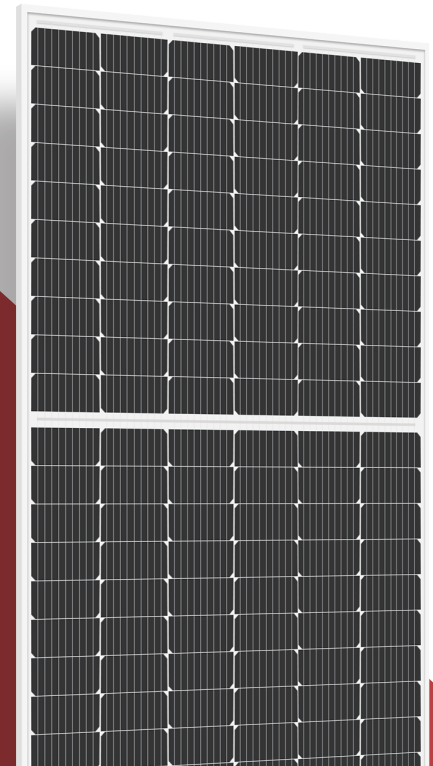


HUGE SOLAR

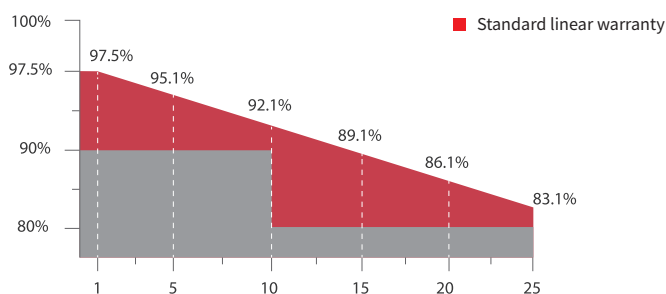
HS-M166H660-360-380W

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 _{max} (W)	360	365	370	375	380
Maximum Power Voltage	V _{mp} (V)	33.74	34.09	34.46	34.83	35.20
Maximum Power Current	I _{mp} (A)	10.67	10.71	10.74	10.78	10.82
Open Circuit Voltage	V _{oc} (V)	40.39	40.67	40.95	41.23	41.51
Short Circuit Current	I _{sc} (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/m², Module Temperature 25°C, Air Mass 1.5

Electrical Specification (NOCT*)

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

* Irradiance 800W/m², 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 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}	+0.06%/°C
Temperature Coefficient of V _{oc}	-0.30%/°C
Temperature Coefficient of P _{MAX}	-0.39%/°C

Maximum Ratings

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

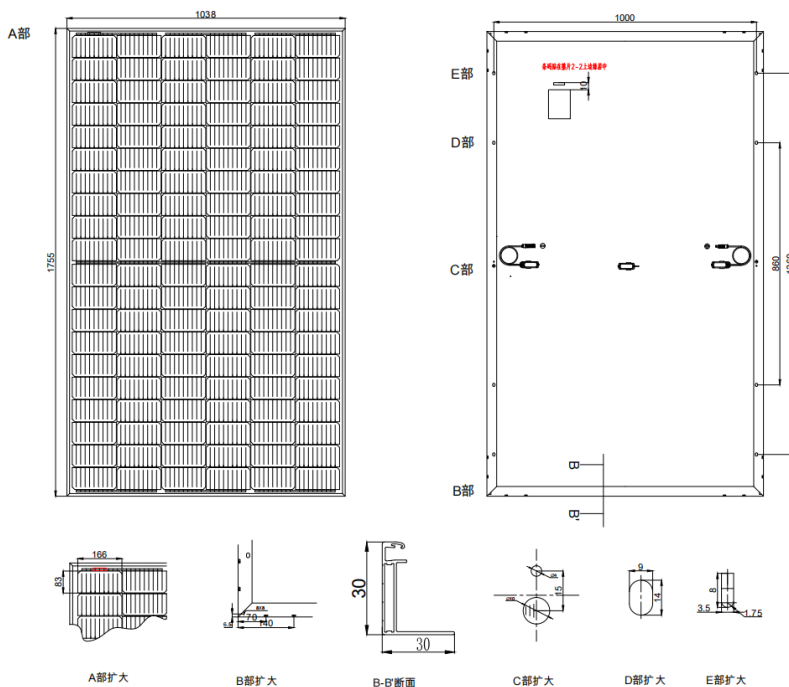
Packaging Configuration

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

Optional

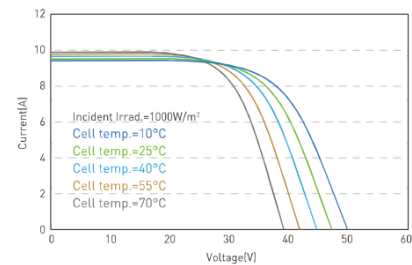
Connector	MC Original
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ENGINEERING DRAWINGS



IV CURVES

I-V Curve at Different Temperature (355W)



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

