

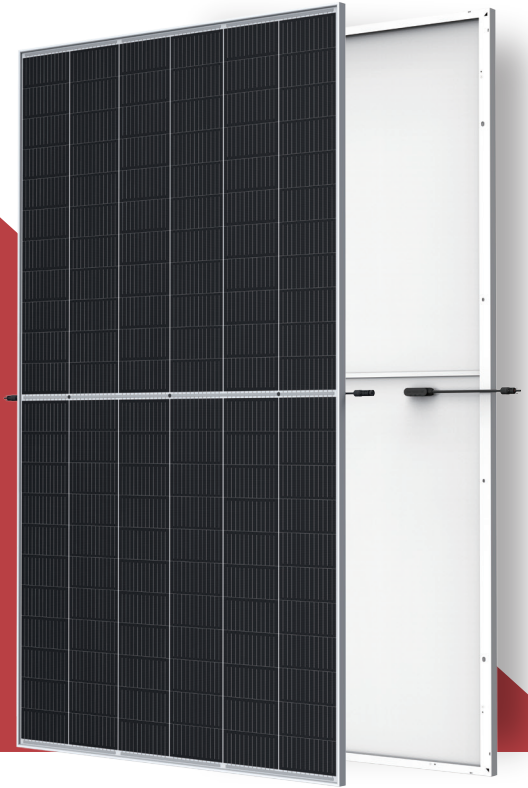


HUGE SOLAR

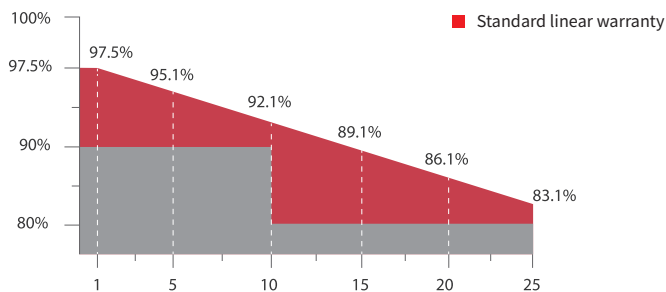
HS-M210H666-645-675W

645-675W Mono

Suitable for ground power plants and large projects. 210mm 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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HUGE SOLAR

HS-M210H666-645-675W

Electrical Specification (STC*)

Maximum Power	Pmax(W)	645	650	655	660	665	670	675
Maximum Power Voltage	Vmp(V)	37.2	37.4	37.6	37.8	38.0	38.2	38.4
Maximum Power Current	Imp(A)	17.31	17.35	17.40	17.44	17.49	17.54	17.58
Open Circuit Voltage	Voc(V)	41.0	41.2	41.4	41.6	41.8	42.0	42.2
Short Circuit Current	Isc(A)	18.37	18.42	18.47	18.52	18.57	18.62	18.67
Module Efficiency	(%)	20.7	20.9	21.0	21.2	21.4	21.5	21.7
Power Output Tolerance	(W)	0~+5						

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

Electrical Specification (NOCT*)

Maximum Power	Pmax (W)	488	492	496	500	504	509	513
Maximum Power Voltage	Vmp (V)	34.7	34.9	35.1	35.3	35.5	35.7	35.9
Maximum Power Current	Imp (A)	14.05	14.09	14.13	14.18	14.22	14.27	14.31
Open Circuit Voltage	Voc(V)	42.4	42.6	42.8	43.0	43.2	43.4	43.6
Short Circuit Current	Isc (A)	14.81	14.85	14.88	14.92	14.96	15.00	15.04

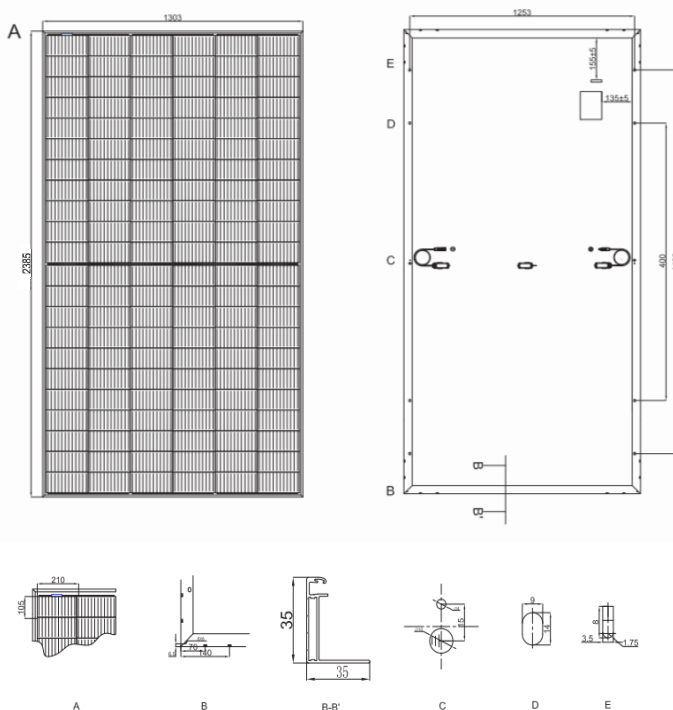
* Irradiance 800W/m², Ambient Temperature 20°C, Wind Speed 1m/s

Mechanical Data

Number of Cells	132 Cells (6×22)
Dimensions of Module L*W*H (mm)	2385×1303×35mm (93.85×51.29×1.38 inches)
Weight (kg)	35.7 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

ENGINEERING DRAWINGS



Temperature Ratings

Nominal Operating Cell Temperature [NOCT]	43±2°C
Temperature Coefficient of Isc	+0.040%/°C
Temperature Coefficient of Voc	-0.250%/°C
Temperature Coefficient of P _{MAX}	-0.340%/°C

Maximum Ratings

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

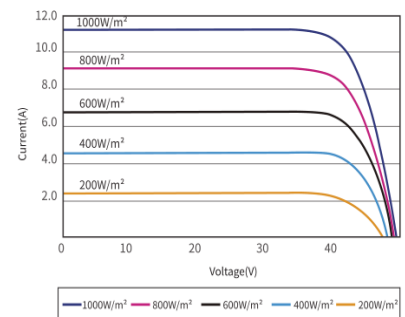
Packaging Configuration

Module per box	31 pieces
Module per 40' container	558 pieces

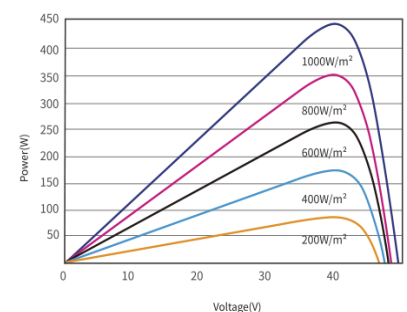
Optional

Connector	MC Original
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IV CURVES



I-V CURVES OF PV MODULE(660W)



P-V CURVES OF PV MODULE(660W)