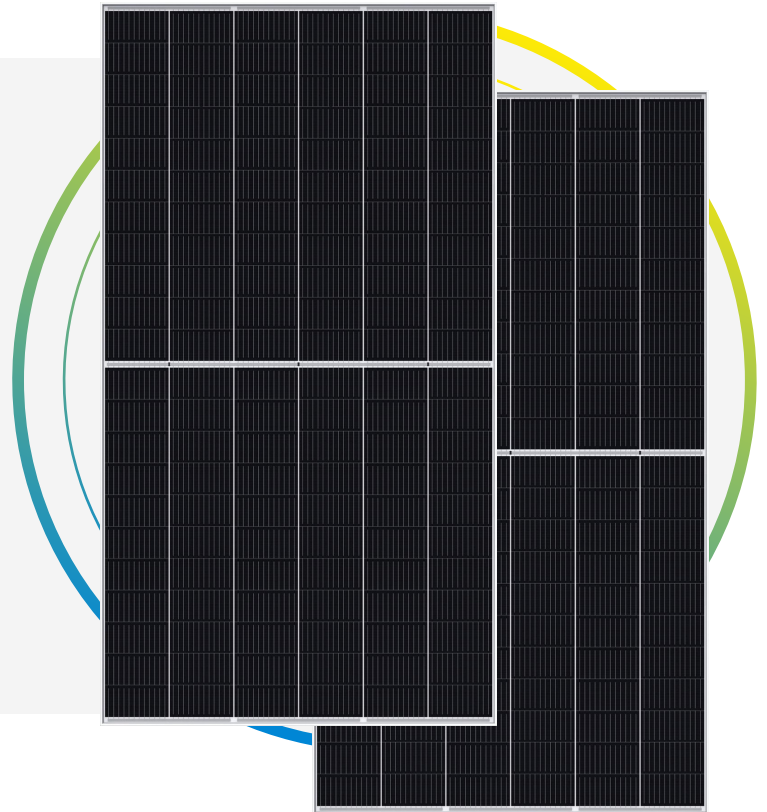


TPOWER

TS-8G66M **132-cell**

645 - 665W

bifacial dual glass
9BB half-cut mono perc



KEY FEATURES



Higher output power
Module efficiency up to 21.4%
Lower temperature coefficient
Up to 30% additional power gain from back side depending on albedo



Lower LCOE (Levelized Cost Of Energy)
High Power output lead to lower BOS cost



Salt Mist Corrosion Protect
Ammonia Resistance



**Anti
PID**

Excellent Potential Induced
Degradation Resistance



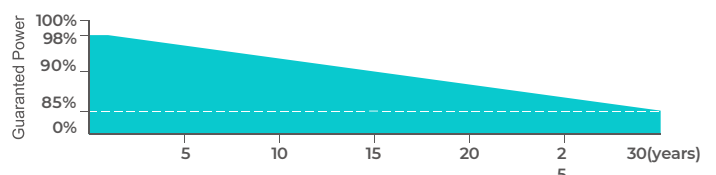
Excellent Wind Load 2400Pa & Snow Load
5400Pa Under Certain Installation Method

SYSTEM & PRODUCT CERTIFICATES

- ISO 9001: 2015 Quality Management System
- ISO 14001: 2015 Environment Management System
- ISO 45001: 2018 Occupational Health and Safety Management Systems



PERFORMANCE WARRANTY



ELECTRICAL PARAMETERS

Performance at STC (Power Tolerance 0 ~ +3%)

Power Output(Wp)	645	650-0	655	660	665
Max Power Tolerance(W) Module	0-5	520.9	0-5	0-5	0-5
Efficiency(%)	20.8	37.72	21.1	21.2	21.4
Voltage Mpp-Vmpp(V) Current	37.52	17.23	37.91	38.08	38.28
Mpp-Impp(A)	17.19	45.68	17.28	17.33	17.37
Voltage Open Circuit-Voc(V) Short	45.50	18.63	45.87	46.03	46.24
Circuit Current-Isc(A)	18.58	18.68	18.68	18.73	18.78

Performance at NMOT

Power Output(Wp)	495.51	499.35	503.19	507.03	510.88
Voltage Mpp-Vmpp(V)	34.20	34.39	34.55	34.71	34.90
Current Mpp-Impp(A)	14.49	14.52	14.56	14.61	14.64
Voltage Open Circuit-Voc(V)	42.01	42.18	42.35	42.50	42.69
Short Circuit Current-Isc(A)	15.80	15.84	15.88	15.92	15.97

STC: Irradiance 1000W/m², Cell Temperature 25°C, Air Mass AM1.5 NMOT: Irradiance at 800W/m², Ambient Temperature 20°C, Air Mass AM1.5, Wind Speed 1m/s

Electrical characteristics

Power Output(Wp)	710	715	721	726	732
Voltage Mpp-Vmpp(V)	37.52	37.72	37.91	38.08	38.28
Current Mpp-Impp(A)	18.91	18.95	19.01	19.06	19.11
Voltage Open Circuit-Voc(V)	45.50	45.68	45.87	46.03	46.24
Short Circuit Current-Isc(A)	20.44	20.49	20.55	20.60	20.66

MECHANICAL DATA

Dimension Of Module	2384*1303*35mm
Weight	38kg
Front/Back Glass	2.0mm heat strengthened glass
Cables	4mm ² /300mm or Customized Length
Junction Box	IP68,3 Bypass-Diode
Connector	MC4 compatible

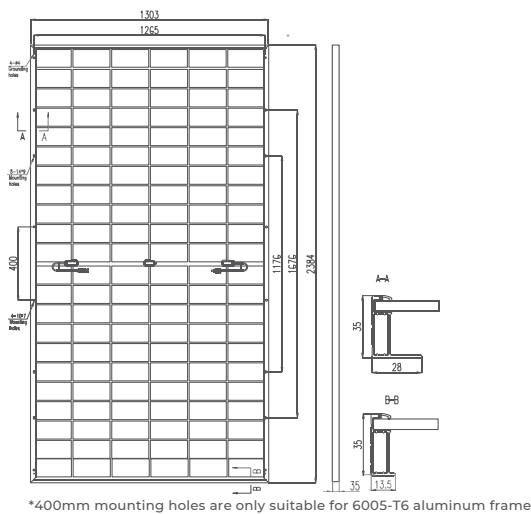
WORKING CONDITIONS

Max System Voltage(VDC)	1500V
Max Series Fuse Rating	35A
Maximum Load Capacity	Snow 5400Pa/Wind
Operating Temperature	2400Pa -40Š~+85Š
Safety Class	#
Power Bifaciality	70±5%

PACHAGING CONFIGURATION

Loading Capacity	558 pcs/40'HQ
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MODULE STRUCTURE DRAWING



TEMPERATURE RATINGS

Temperature Coefficients of Isc(%/Š)	0.026
Temperature Coefficients of Voc(%/Š)	-0.272
Temperature Coefficients of Pmpp(%/Š)	-0.353
NMOT	45±2Š

CURVES (655W)

