

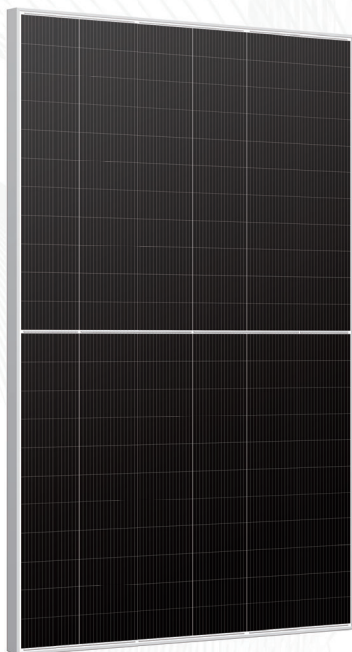
Tarzan Pro Max

N-Type

S9-132GAHT 680~700W

Bifacial Double Glass

Mono Module



700W

Maximum Power Output

22.53%

Maximum Module Efficiency

0~+5W

Power Output Tolerance

IEC61215, IEC61730
ISO9001:2015: Quality Management System
ISO14001:2015: Environment Management System
ISO45001:2018: Occupational health and safety management systems



10%-30% Additional Power Generation

- 30 years lifespan brings 10-30% additional power generation comparing with conventional P-type module



No B-O LID

- Excellent anti-LeTID & anti-PID performance. Low power degradation, high energy yield.



Excellent Temperature Coefficient

- Excellent temperature coefficient (Pmax): -0.26%/°C, ensures higher generation in extreme temperature areas



Outstanding Low Light Performance

- Higher power output even under low-light environments like on cloudy or foggy days.



Up To 85% Bifaciality

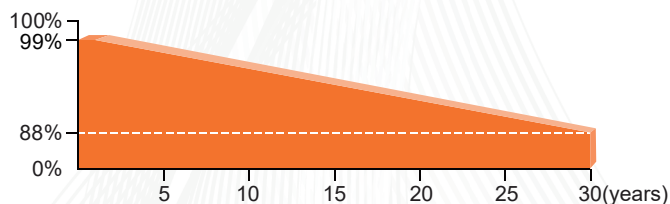
- Higher power output and lower BOS cost.



Enhanced Mechanical Load

- Certified to withstand: wind load (2400 Pascal) and snow load (5400 Pascal)

Linear Performance Warranty



15 Years Product Warranty on Materials and Workmanship

30 Years Linear Performance Warranty

0.375% Subsequent Annual Degradation

Tarzan Pro Max

RS680~700S9-132GAHT

Electrical Properties(STC*)

Power Output(Wp)	680	685	690	695	700
Max Power Tolerance(W)	0-5	0-5	0-5	0-5	0-5
Module Efficiency(%)	21.89	22.05	22.21	22.37	22.53
Voltage Mpp-Vmpp(V)	41.92	42.08	42.23	42.38	42.53
Current Mpp-Imp(A)	16.22	16.28	16.34	16.40	16.46
Voltage Open Circuit-Voc(V)	49.20	49.36	49.52	49.68	49.83
Short Circuit Current-Isc(A)	17.09	17.15	17.21	17.27	17.33

*STC: Irradiance 1000W/m², Cell Temperature 25°C, AM 1.5

Electrical Properties(NOCT*)

Power Output(Wp)	573	578	582	587	592
Voltage Mpp-Vmpp(V)	40.32	40.50	40.61	40.79	40.97
Current Mpp-Imp(A)	14.21	14.27	14.33	14.39	14.45
Voltage Open Circuit-Voc(V)	47.27	47.43	47.59	47.75	47.91
Short Circuit Current-Isc(A)	15.05	15.11	15.17	15.23	15.29

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

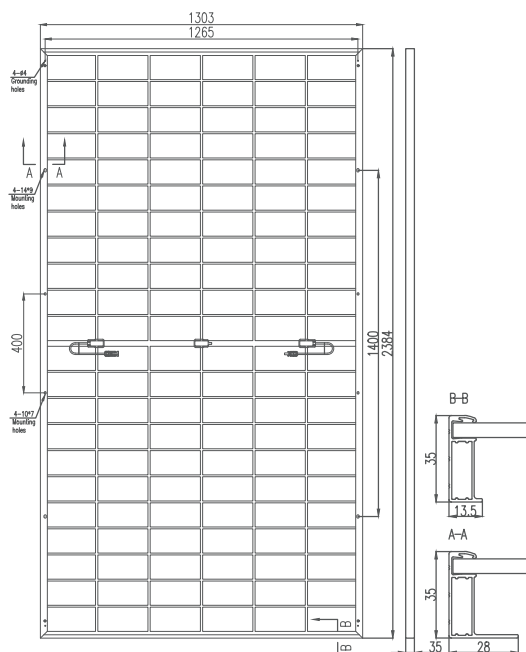
With Different Power Generation Gain (regarding 690W as an example)

Power Gain (%)	Power Output (Wp)	Voltage Mpp-Vmpp (V)	Current Mpp-Imp (A)	Voltage Open Circuit-Voc (V)	Short Circuit Current-Isc (A)
10	759	42.23	17.97	49.52	18.93
15	794	42.23	18.79	49.52	19.79
20	828	42.23	19.61	49.52	20.65
25	863	42.23	20.42	49.52	21.51
30	897	42.23	21.24	49.52	22.37

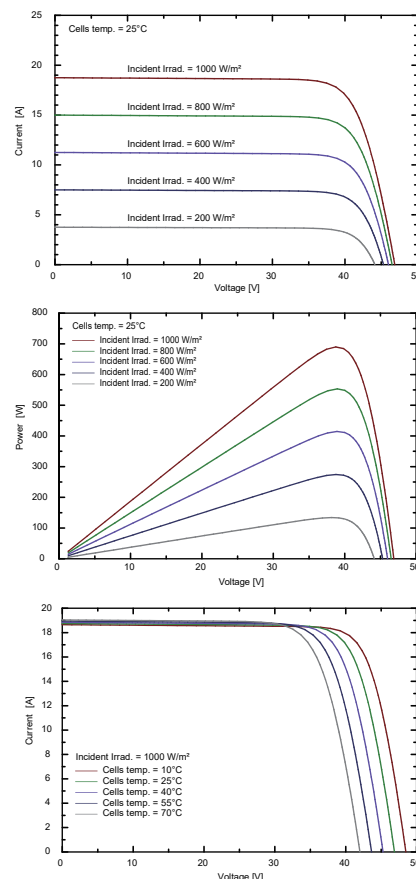
Packaging Configuration

Packing Type	40'HQ
Piece/Pallet	31
Piece/Container	558

Engineering Drawing (mm)



Characteristic Curves(690W)



Mechanical Properties

Cell Size	HJT Mono 210mm*105mm
Number of Cells	132 [2 x (11 x 6)]
Module Dimension	2384*1303*35mm
Weight	38kg
Front Glass	2.0mm, Anti-Reflection Coating
Rear Glass	2.0mm, Heat Strengthened Glass
Frame	Anodized Aluminium Alloy
Junction Box	IP68 (3 diodes)
Cable Length	TUV 1x4.0mm ² , 300mm or Customized length

Operating Properties

Operating Temperature	-40°C~+85°C
Maximum System Voltage (V)	1500V DC (IEC)
Maximum Series Fuse Rating (A)	30
Power Tolerance	0~+5W
Bifaciality	80±5%

Temperature Coefficient

Temperature Coefficient of Pmax	-0.26%/°C
Temperature Coefficient of Voc	-0.24%/°C
Temperature Coefficient of Isc	0.033%/°C
Nominal Operating Cell Temperature (NOCT)	43±2°C