

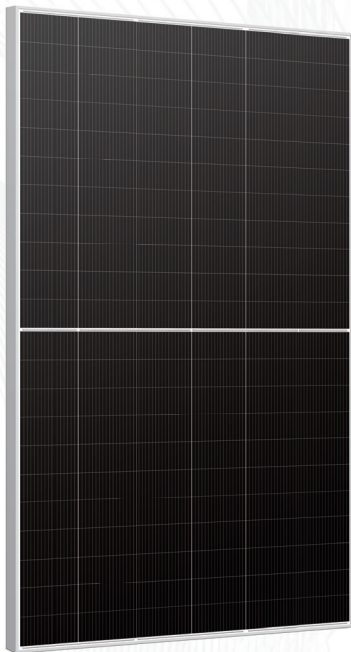
# Tarzan Pro Max

## N-Type

S9-132GAHT 690~710W

Bifacial Dual Glass

Mono Module



### 710W

Maximum Power Output

### 22.86%

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):  $-0.26\%/^{\circ}\text{C}$ , 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

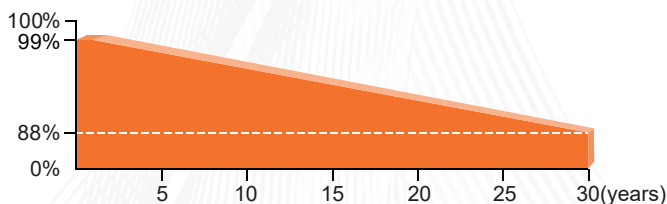
- Higher power output and lower BOS cost.



### 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

## RS690~710S9-132GAHT

### Electrical Properties(STC\*)

Power Output(Wp)	690	695	700	705	710
Max Power Tolerance(W)	0-5	0-5	0-5	0-5	0-5
Module Efficiency(%)	22.21	22.37	22.53	22.70	22.86
Voltage Mpp-Vmpp(V)	42.23	42.38	42.53	42.68	42.82
Current Mpp-Impp(A)	16.34	16.40	16.46	16.52	16.58
Voltage Open Circuit-Voc(V)	49.52	49.68	49.83	49.98	50.14
Short Circuit Current-Isc(A)	17.21	17.27	17.33	17.39	17.45

\*STC: Irradiance 1000W/m<sup>2</sup>, Cell Temperature 25°C, AM 1.5

### Electrical Properties(NOCT\*)

Power Output(Wp)	582	587	592	596	601
Voltage Mpp-Vmpp(V)	40.61	40.79	40.97	41.08	41.25
Current Mpp-Impp(A)	14.33	14.39	14.45	14.51	14.57
Voltage Open Circuit-Voc(V)	47.59	47.75	47.91	48.07	48.23
Short Circuit Current-Isc(A)	15.17	15.23	15.29	15.35	15.41

\*NOCT: Irradiance 800W/m<sup>2</sup>, Ambient Temperature 20°C, Wind Speed 1m/s

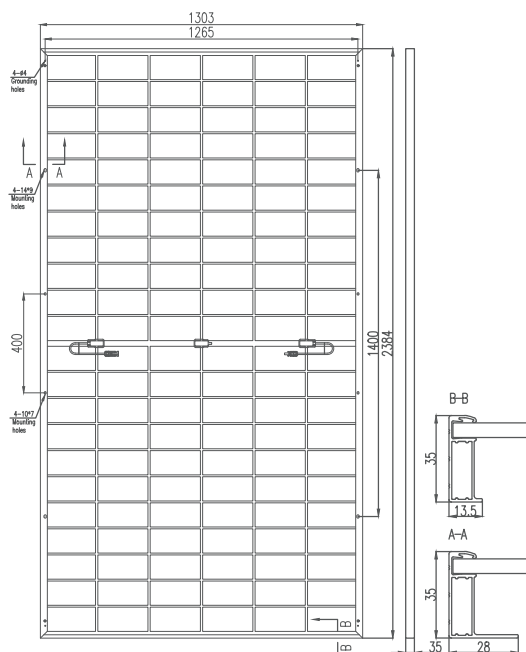
### With Different Power Generation Gain (regarding 700W as an example)

Power Gain (%)	Power Output (Wp)	Voltage Mpp-Vmpp (V)	Current Mpp-Impp (A)	Voltage Open Circuit-Voc (V)	Short Circuit Current-Isc (A)
10	770	42.53	18.10	49.83	19.06
15	805	42.53	18.93	49.83	19.93
20	840	42.53	19.75	49.83	20.80
25	875	42.53	20.57	49.83	21.66
30	910	42.53	21.40	49.83	22.53

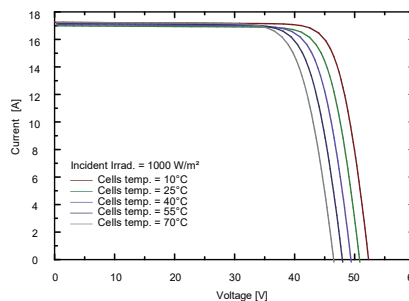
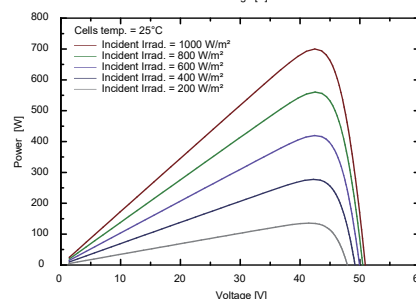
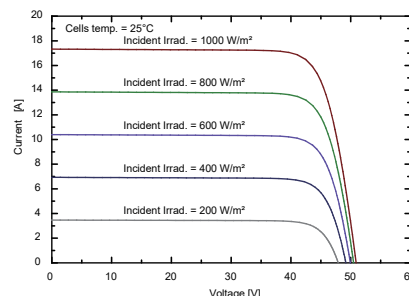
### Packaging Configuration

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

### Engineering Drawing (mm)



### Characteristic Curves(700W)



### 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 <sup>2</sup> , 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