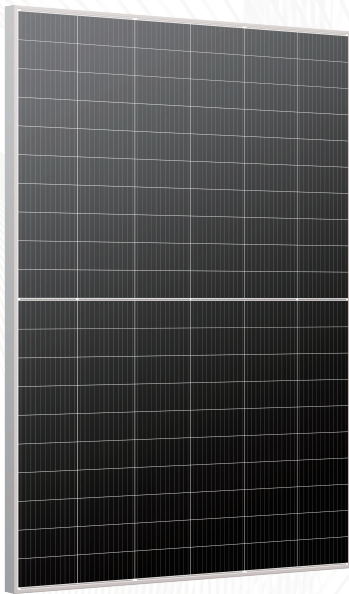


# Tarzan Pro

## N-Type

S9-120NT 615~635W

Half-cell Mono Module



### 635W

Maximum Power Output

### 22.44%

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



#### High Power Output

- Better light trapping and current collection to improve module power output and reliability



#### Outstanding Low Light Performance

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



#### Zero LID (Light Induced Degradation)

- N-type solar cell has no LID naturally which can increase power generation



#### Better Temperature Coefficient

- Higher power generation under working conditions, thanks to passivating contact cell technology



#### PID Resistance

- Excellent Anti-PID performance guarantee via optimized mass-production process and materials control



#### Enhanced Mechanical Load

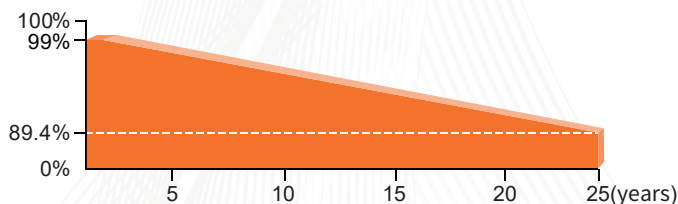
- Certified to withstand: wind load (2400 Pascal) and snow load (5400 Pascal)



#### Withstanding Harsh Environment

- Reliable quality leads to a better sustainability even in harsh environment like desert, farm and coastline.

#### Linear Performance Warranty



12 Years Product Warranty on Materials and Workmanship

25 Years Linear Performance Warranty

0.40% Subsequent Annual Degradation

# Tarzan Pro

## RS615~635S9-120NT

### Electrical Properties(STC\*)

Power Output(Wp)	615	620	625	630	635
Max Power Tolerance(W)	0-5	0-5	0-5	0-5	0-5
Module Efficiency(%)	21.73	21.91	22.08	22.26	22.44
Voltage Mpp-Vmpp(V)	34.90	35.11	35.31	35.51	35.71
Current Mpp-Impp(A)	17.62	17.66	17.70	17.74	17.78
Voltage Open Circuit-Voc(V)	42.16	42.35	42.54	42.73	42.92
Short Circuit Current-Isc(A)	18.67	18.72	18.77	18.82	18.87

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

### Electrical Properties(NOCT\*)

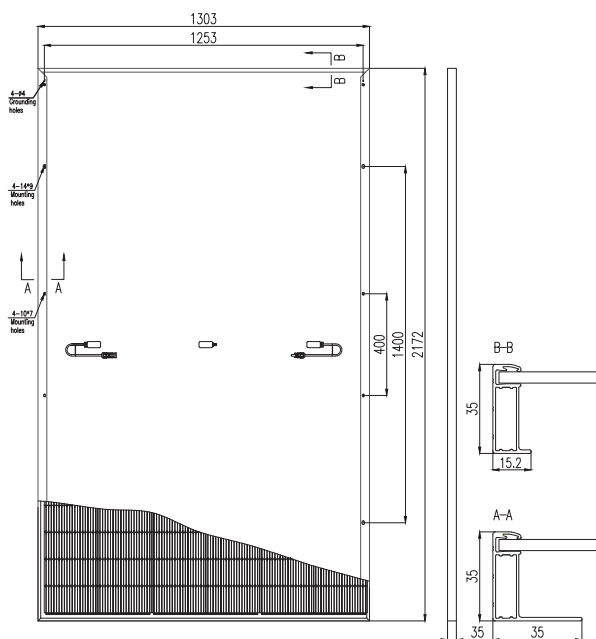
Power Output(Wp)	464	468	472	476	479
Voltage Mpp-Vmpp(V)	32.72	32.93	33.15	33.36	33.50
Current Mpp-Impp(A)	14.18	14.21	14.24	14.27	14.30
Voltage Open Circuit-Voc(V)	40.18	40.37	40.56	40.75	40.94
Short Circuit Current-Isc(A)	15.03	15.07	15.11	15.15	15.19

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

### Packaging Configuration

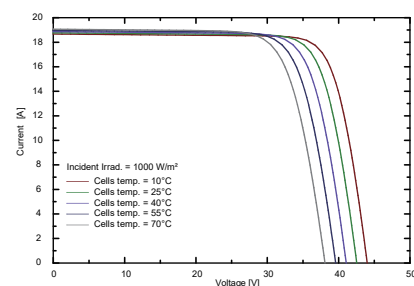
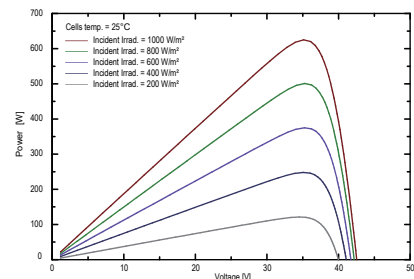
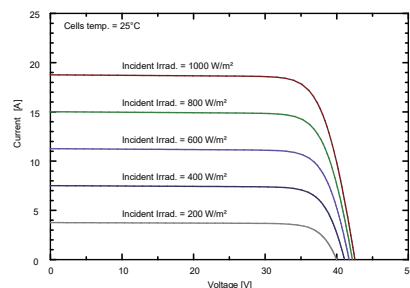
Packing Type	40'HQ
Piece/Pallet	31
Piece/Container	558

### Engineering Drawing (mm)



Note: 400mm hole distance is only applicable when specified by the customer

### Characteristic Curves(625W)



### Mechanical Properties

Cell Size	210mm*105mm
Number of Cells	120 [ 2 x ( 10x 6 ) ]
Module Dimension	2172*1303*35mm
Weight	31 kg
Front Glass	High transmission glass 3.2mm
Frame	Anodized Aluminium Alloy
Junction Box	IP68 (3 diodes)
Cable Length	TUV 1x4.0mm <sup>2</sup> , (+):300mm/ (-):200mm or Customized length

### Operating Properties

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

### Temperature Coefficient

Temperature Coefficient of Pmax	-0.310%/°C
Temperature Coefficient of Voc	-0.26%/°C
Temperature Coefficient of Isc	0.046%/°C
Nominal Operating Cell Temperature (NOCT)	42±2°C