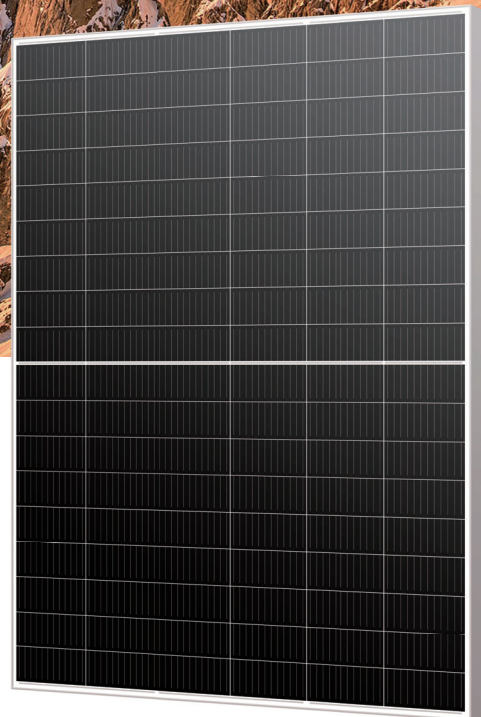


# Tarzan Series

## 545W MBB Monocrystalline Module Half-cell Module S9-108 525~545W



- ▲ Higher output power
- ▲ Module efficiency up to 21.3%
- ▲ Lower temperature coefficient



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



- ▲ ISO9001:2015 Quality Management system
- ▲ ISO14001:2015 Environmental Management System
- ▲ ISO45001:2018 Occupational Health and Safety Management System



- ▲ Salt Mist Corrosion Protect
- ▲ Ammonia Resistance

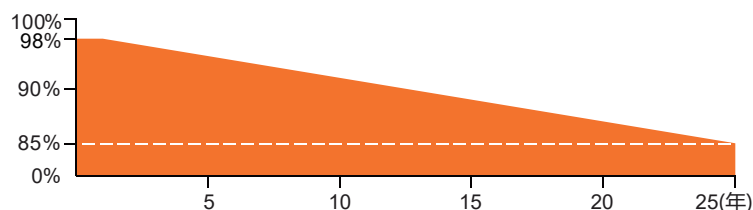


**PID FREE**  
Excellent Potential Induced Degradation Resistance



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

### Runda's linear performance warranty



**12** Years  
Material & Craft  
Quality  
assurance

**25** Years  
85% output  
Power  
guarantee

Tel: +86-0510-83801000

Fax: +86-0510-83802000

Web: [www.rundapv.com](http://www.rundapv.com)

E-mail: [sales@rundapv.com](mailto:sales@rundapv.com)

Add: Yanxiang Road 108, Ehu Town, Xishan District, Wuxi City, Jiangsu Province, P.R.China



# Tarzan Series

RS525~545S9-108

## Electrical Characteristics(STC\*)

|                              |       |       |       |       |       |
|------------------------------|-------|-------|-------|-------|-------|
| Power Output(Wp)             | 525   | 530   | 535   | 540   | 545   |
| Max Power Tolerance(W)       | 0-5   | 0-5   | 0-5   | 0-5   | 0-5   |
| Module Efficiency(%)         | 20.5  | 20.7  | 20.9  | 21.1  | 21.3  |
| Voltage Mpp-Vmpp(V)          | 30.54 | 30.72 | 30.92 | 31.11 | 31.29 |
| Current Mpp-Impp(A)          | 17.19 | 17.25 | 17.30 | 17.36 | 17.42 |
| Voltage Open Circuit-Voc(V)  | 37.08 | 37.27 | 37.45 | 37.64 | 37.84 |
| Short Circuit Current-Isc(A) | 18.59 | 18.66 | 18.72 | 18.78 | 18.82 |

\*STC:Irradiance 1000 W/m<sup>2</sup>,Cell Temperature 25°C,Air Mass AM1.5

## Electrical Characteristics(NMOT\*)

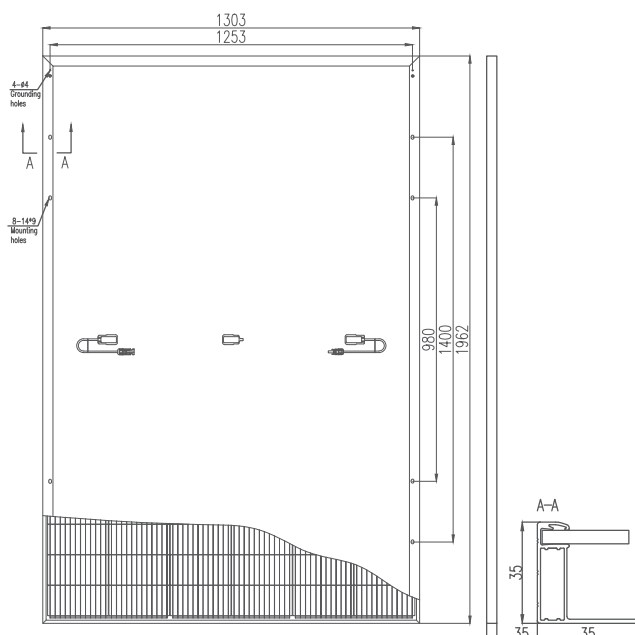
|                              |        |        |        |        |        |
|------------------------------|--------|--------|--------|--------|--------|
| Power Output(Wp)             | 403.32 | 407.16 | 411.01 | 414.85 | 418.69 |
| Voltage Mpp-Vmpp(V)          | 27.84  | 28.01  | 28.19  | 28.35  | 28.52  |
| Current Mpp-Impp(A)          | 14.49  | 14.54  | 14.58  | 14.63  | 14.68  |
| Voltage Open Circuit-Voc(V)  | 34.24  | 34.41  | 34.58  | 34.75  | 34.94  |
| Short Circuit Current-Isc(A) | 15.81  | 15.86  | 15.92  | 15.97  | 16.00  |

\*NMOT:Irradiance 800 W/m<sup>2</sup>,Ambient Temperature 20°C,Air Mass AM1.5, Wind Speed 1m/s

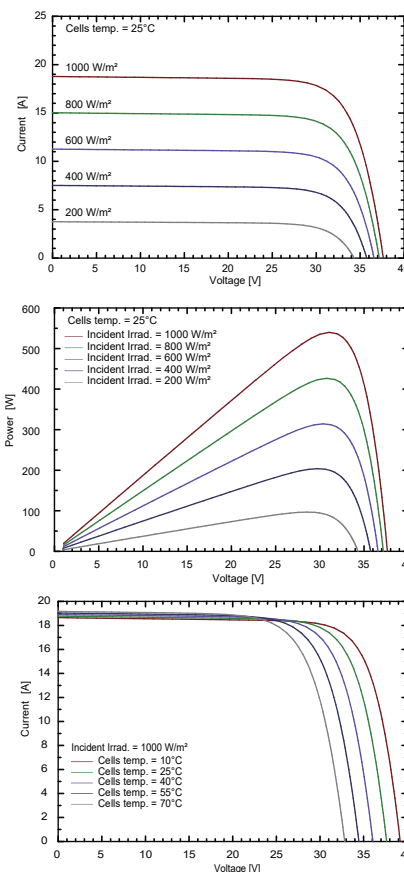
## Mechanical Data

|                     |                                              |
|---------------------|----------------------------------------------|
| Dimension Of Module | 1962*1303*35mm                               |
| Weight              | 28kg                                         |
| Glass               | High transmission glass 3.2mm                |
| Cables              | 4mm <sup>2</sup> /300mm or Customized Length |
| Junction Box        | IP68,3 bypass diodes                         |
| Connector           | MC4 compatible                               |

## Module Structure Drawing



## Curves(540W)



## Packaging Configuration

|                       |       |
|-----------------------|-------|
| Container             | 40'HQ |
| Pieces Per Pallet     | 31    |
| Pallets Per Container | 18    |
| Pieces Per Container  | 558   |

## Working Conditions

|                         |                         |
|-------------------------|-------------------------|
| Max System Voltage(VDC) | 1500V                   |
| Max Series Fuse Rating  | 30A                     |
| Maximum Load Capacity   | Snow 5400Pa/Wind 2400Pa |
| Operating Temperature   | -40°C~+85°C             |
| Safety Class            | II                      |

## Temperature Ratings

|                                        |        |
|----------------------------------------|--------|
| Temperature Coefficients of Isc(%/°C)  | 0.046  |
| Temperature Coefficients of Voc(%/°C)  | -0.266 |
| Temperature Coefficients of Pmpp(%/°C) | -0.354 |
| NMOT                                   | 45±2°C |