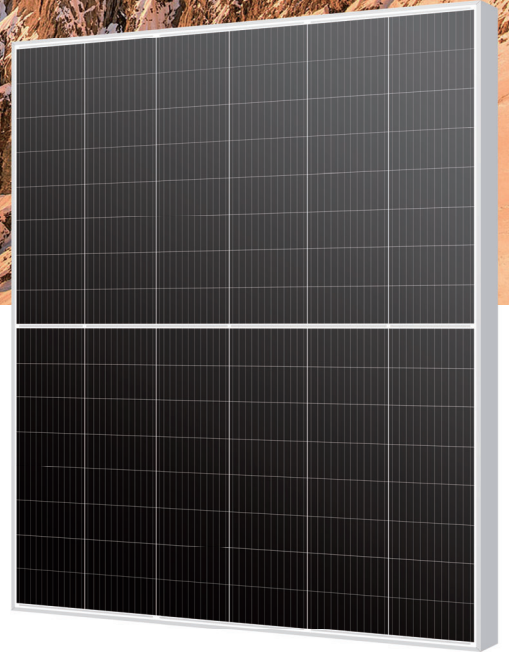


# Tarzan Series

## 480W MBB Monocrystalline Module Half-cell Module S9-96 460~480W



- ▲ Higher output power
- ▲ Module efficiency up to 21.0%
- ▲ 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

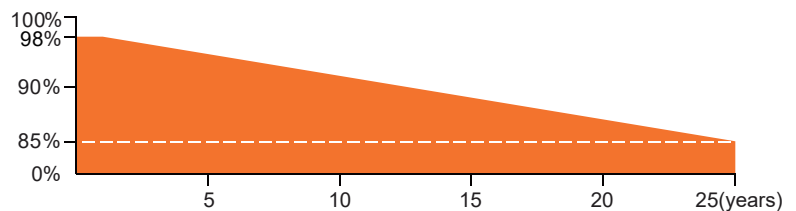


Excellent Potential Induced Degradation Resistance



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

### Runda's linear performance warranty



# Tarzan Series

RS460~480S9-96

## Electrical Characteristics(STC\*)

Power Output(Wp)	460	465	470	475	480
Max Power Tolerance(W)	0-5	0-5	0-5	0-5	0-5
Module Efficiency(%)	20.1	20.3	20.6	20.8	21.0
Voltage Mpp-Vmpp(V)	26.78	26.99	27.20	27.41	27.63
Current Mpp-Impp(A)	17.18	17.23	17.28	17.33	17.37
Voltage Open Circuit-Voc(V)	32.67	32.87	33.06	33.26	33.45
Short Circuit Current-Isc(A)	18.54	18.59	18.64	18.69	18.74

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

## Electrical Characteristics(NMOT\*)

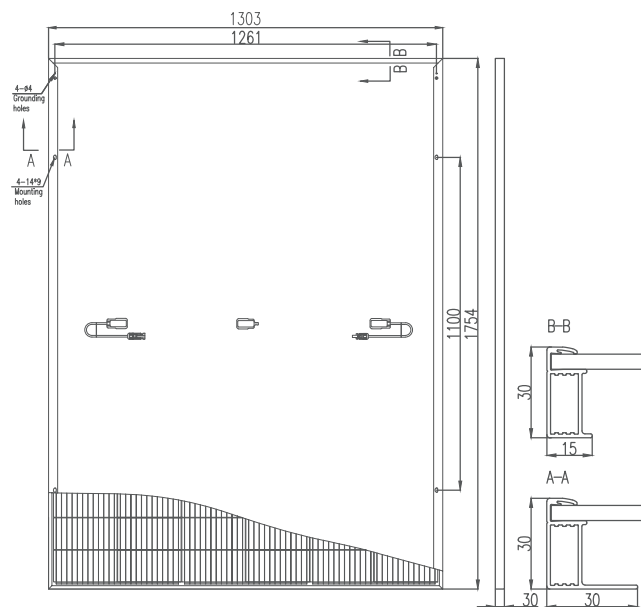
Power Output(Wp)	353.39	357.23	361.07	364.91	368.75
Voltage Mpp-Vmpp(V)	24.41	24.60	24.79	24.98	25.19
Current Mpp-Impp(A)	14.48	14.52	14.56	14.61	14.64
Voltage Open Circuit-Voc(V)	30.16	30.35	30.52	30.71	30.88
Short Circuit Current-Isc(A)	15.76	15.81	15.85	15.89	15.93

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

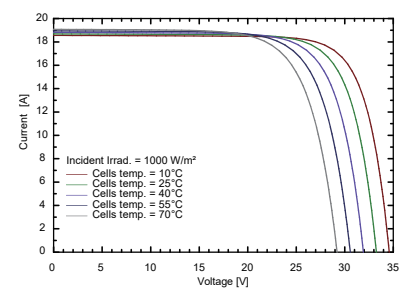
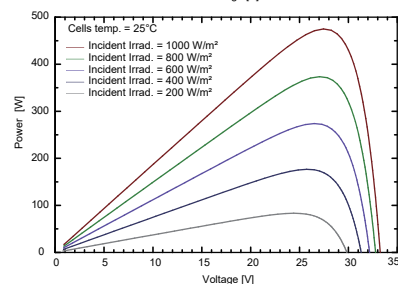
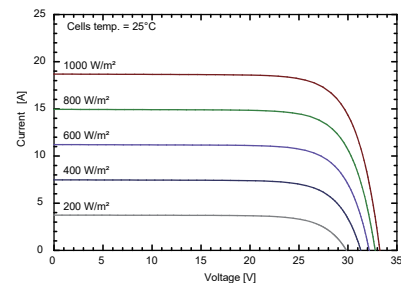
## Mechanical Data

Dimension Of Module	1754*1303*30mm
Weight	25kg
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(475W)



## Packaging Configuration

Container	40'HQ
Pieces Per Pallet	36
Pallets Per Container	18
Pieces Per Container	648

## 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