

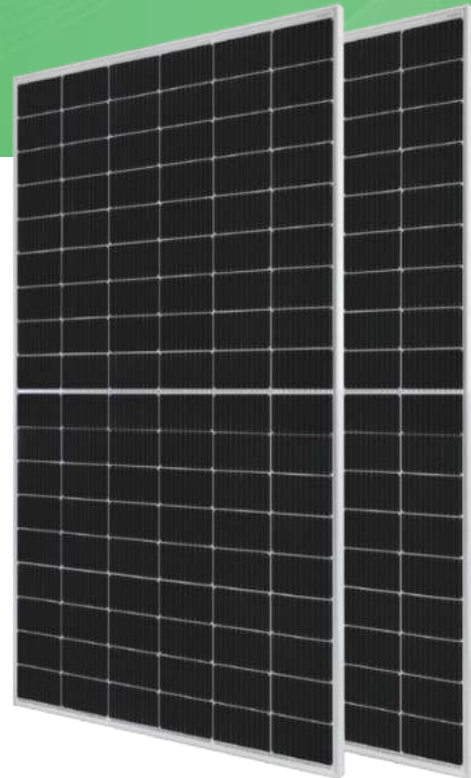
# Yangtze 182mm

## 415 Watt

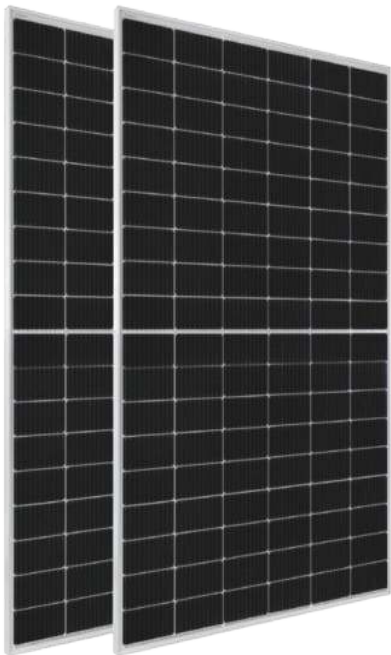
*M10 SOLAR MODULE*

*Positive power tolerance of 0~+5W*

IEC61215(2016), IEC61730(2016)  
 ISO9001:2015: Quality Management System  
 ISO14001:2015: Environment Management System  
 ISO45001:2018:Occupational Health and Safety Management Systems



## Key Features



MBB Half Cut Cell With PERC Technology



PID Resistance



High Power Output



Better Low-light Performance



Less Shading Effect



Enhanced Mechanical Load

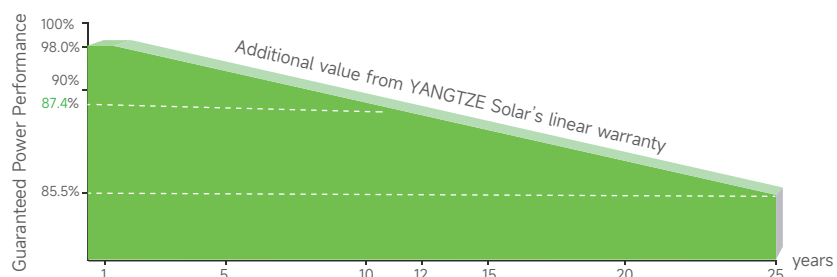


## Linear Performance Warranty

12 Year Product Warranty

25 Year Linear Power Warranty

-0.4% Annual Degradation Over 25 years



# Specifications

Module Type	YS415M-108
Module Efficiency(%)	21.23
Tolerance(W)	0~+5W
Test Environment	STC
Maximum Power Pmax(W)	415
Open-Circuit Voltage Voc(V)	37.42
Short-Circuit Current Isc(A)	13.82
Maximum Power Voltage Vm(V)	31.35
Maximum Power Current Im(A)	13.24
Cell Type(mm)	10BB-6X18Mono-Crystalline Silicon
Number of Cells (Pcs)	108 (6×18)
Maximum System Voltage	DC1500
Temperature Coefficients of Voc(%/°C)	-0.285
Temperature Coefficients of Isc(%/°C)	0.055
Temperature Coefficients of Pmax(%/°C)	-0.365
Operating Temperature (°C)	-40 to 85
Nominal Operating Cell Temperature (°C)	45±2
Maximum Series Fuse (A)	20
Pressure Bearing(Pa)	5400
Wind Bearing(Pa)	2400

\*STC: Irradiance 1000W/m<sup>2</sup> Cell Temperature 25°C AM=1.5  
 \*NOCT: Irradiance 800W/m<sup>2</sup> Cell Temperature 20°C Wind Speed 1m/s

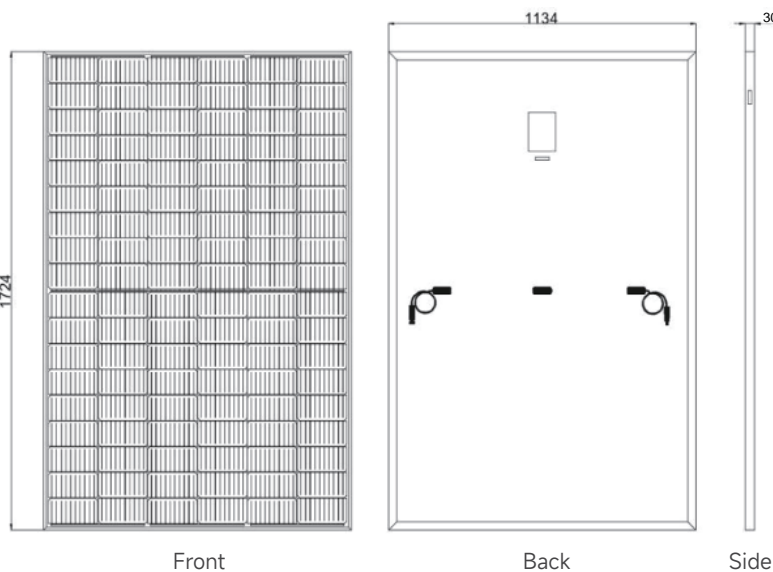
## Material Details

Frame	Anodized aluminum(black and white is optional)	Glass	3.2mm low-iron tempered suede glass
Cell	10BB-6×18mono solar cell	Junction Box	IP≥68,TUV&UL
Diode quantity	3	Cable&Connector	4mm <sup>2</sup> ,EVO2 or EVO2 compatible
Cable length	300mm or as customer's requirements		

## Packing Details

Dimension	1722×1134×30mm	Weight	23kg
Loading Capacity	858 pcs/40HC	Packing	31 pcs/pallet

## Engineering Drawings



## IV Curves

