

# HJTM6400WFB



## SUPER LIGHT FULL BLACK HJT MODULE

Ideal for \_\_\_\_\_  
Residential Rooftops

Light  
Weight **19.5kg**



**1.6mm**  
Glass



**Full Black**  
EVA



**Stronger**  
Frame



Module power  
up to **400W**



The specification and key features described in this datasheet may deviate slightly and are guaranteed. Tengying serves the right to make any adjustment to the information described herein at any time without notice, please always obtain the latest version of the datasheet which shall be duly incorporated into the binding contract made by the parties governing all transactions related to the purchase and sale of the products described herein.

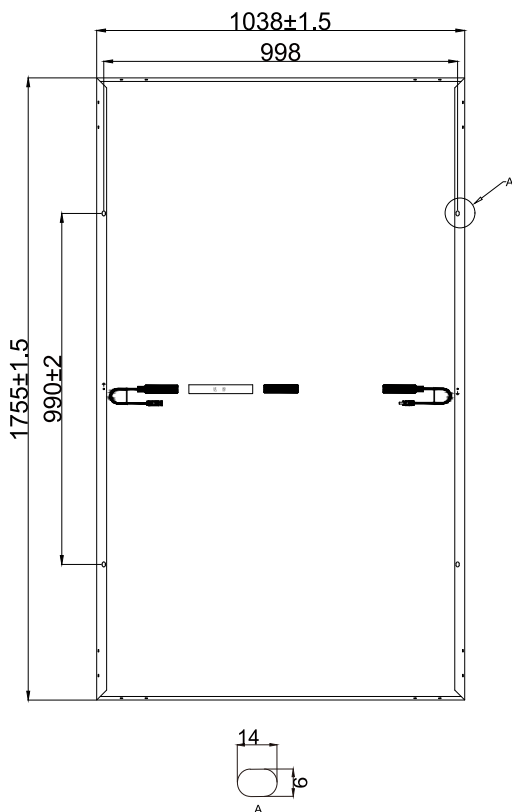
# HJTM6400WFB



120-cell HJT Black Solar Module/Best Choice for Residential

## Engineering Drawings

Unit: mm



## Electrical Characteristics (STC\*)

HJTM6400WFB	TF380	TF385	TF390	TF395	TF400
Maximum Power (P <sub>max</sub> )	380W	385W	390W	395W	400W
Module Efficiency (%)	20.86%	21.13%	21.41%	21.70%	21.96%
Optimum Operating Voltage (V <sub>mp</sub> )	38.11V	38.30V	38.49V	38.68V	38.87V
Optimum Operating Current (I <sub>mp</sub> )	9.97A	10.05A	10.13A	10.21A	10.29A
Open Circuit Voltage (V <sub>oc</sub> )	44.83V	45.31V	45.61V	45.90V	46.20V
Short Circuit Current (I <sub>sc</sub> )	10.54A	10.56A	10.62A	10.68A	10.74A
Operating Module Temperature	-40 ~ +85 °C				
Maximum System Voltage	DC1500V (IEC)				
Maximum Series Fuse	20A				
Power Tolerance	0~+5W				

\*STC: Irradiance 1000 W/m<sup>2</sup>, cell temperature 25 °C, AM=1.5. Tolerance of P<sub>max</sub> is within +/- 3%.

## NOCT\*\*

Maximum Power (P <sub>max</sub> )	289W	293W	297W	300W	304W
Optimum Operating Voltage (V <sub>mp</sub> )	35.95V	36.18V	36.36V	36.46V	36.68V
Optimum Operating Current (I <sub>mp</sub> )	8.04A	8.10A	8.17A	8.23A	8.29A
Open Circuit Voltage (V <sub>oc</sub> )	42.79V	43.24V	43.53V	43.81V	44.09V
Short Circuit Current (I <sub>sc</sub> )	8.50A	8.51A	8.56A	8.61A	8.66A

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

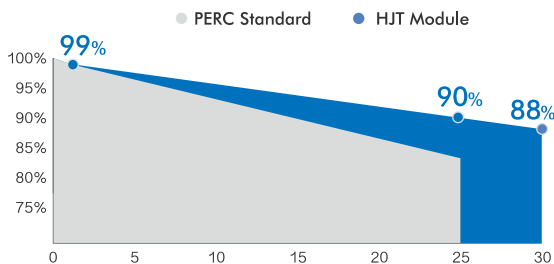
## Temperature Characteristics

Nominal Operating Cell Temp. (NOCT)	44 °C ± 2 °C
Temperature Coefficient of P <sub>max</sub>	-0.26%/°C
Temperature Coefficient of V <sub>oc</sub>	-0.24%/°C
Temperature Coefficient of I <sub>sc</sub>	0.04%/°C

## Safety & Warranty

Safety Class	Class II
Product Warranty	30 yrs Workmanship
Performance Warranty	30 yrs Linear Warranty*

\* Less than 1% attenuation in the 1st year, the annual attenuation from the 2nd year is no more than 0.375%, and the power is no less than 88% until the 30th year.



\* Refer to TENGYING standard warranty for details

## Mechanical Characteristics

Cell Type	HJT Mono 166 × 83mm
Cell Connection	120 (6 × 20)
Module Dimension	1755 × 1038 × 30 mm
Weight	19.5 kg
Junction Box	IP68
Output Cable	4mm <sup>2</sup> , 1200mm in length, length can be customized / UV resistant
Connectors Type	MC4 original
Frame	Anodised aluminum alloy
Front Load	5400 Pa
Rear Load	2400 Pa
Glass Thickness	(F) 1.6mm anti-reflective solar glass   (B) 1.6mm solar glass

## Shipping Configurations

	HC	GP
Container Size	40'	20'
Pallets Per Container	26	6
Modules Per Pallet (pcs)	36	36
Modules Per Container (pcs)	936	216

Tengying New Energy Technology Co.,Ltd

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No.155 Xuezhi Road, Shapingba District, Chongqing, China

Tel: +86-23-67792685    www.tyeenergy.com

manager@tyeenergy.com