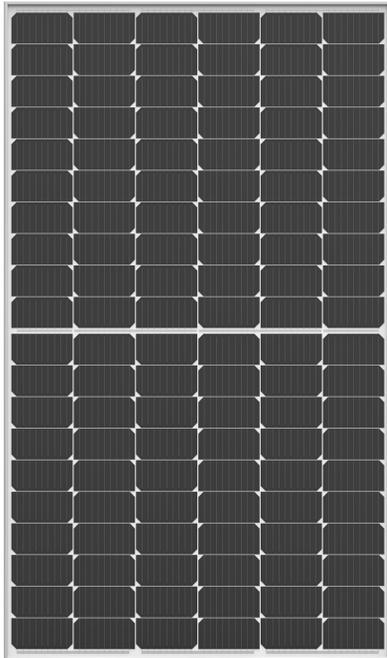


Your Module X-generation!

High Efficiency With Half-cut Technology



High Efficiency

Low LID

Mono PERC(166×166) With Half-cut Technology

Positive power tolerance (0~+5W) guaranteed

High module conversion efficiency (up to 20.6%)

Slower power degradation enable by low LID Mono PERC technology:

first year <3%, 0.55% year 2-25

Solid PID resistance ensured by solar cell process optimization and careful module BOM selection

Reduced resistive loss with lower operating current

Higher energy yield with lower operating temperature

Reduced hot spot risk with optimized electrical design and lower operating current

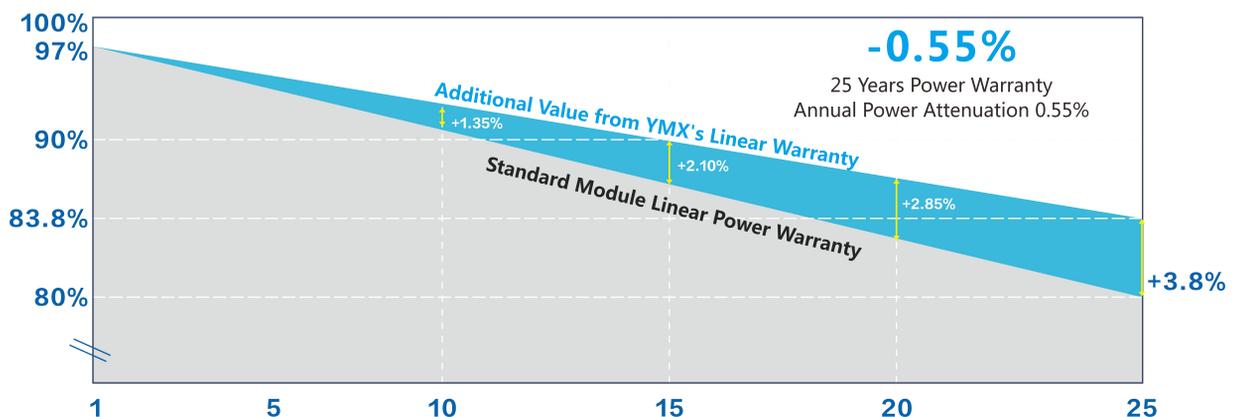
Yimeixu WitChip Energy Hitech Co., Ltd. is a leading supplier of intelligent solar energy system solutions. Yimeixu was founded in 2015 with registered capital of 45 million US dollars. It is located in Quzhou, Zhejiang Province, near Shanghai and occupies 84,000m². After years of practice, Yimeixu independently developed the series of “Sol y Smart” products including module-level MPPT smart optimization chip, smart optimizer, smart module and smart operation and maintenance system, which greatly reduced the cost of smart systems. Till the end of 2019, Yimeixu has accumulated total delivery over 4GW of mono modules.

Complete System and Product Certificates

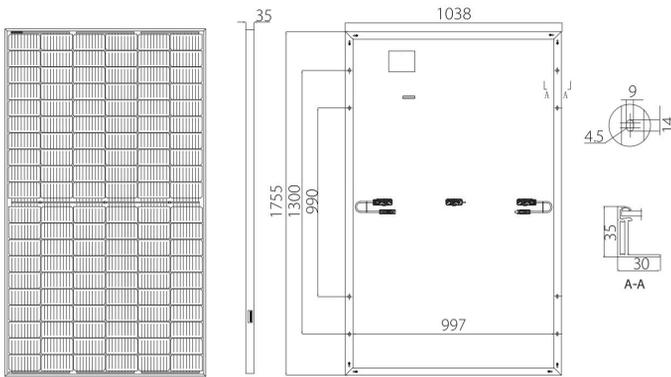
- IEC 61215, IEC 61730, IEC 62804-1: CQC, CE, TUV, PID
- ISO 9001: 2015: ISO Quality Management System
- ISO 14001: 2015: ISO Environment Management System
- OHSAS 18001: Occupational Health and Safety Management System



12-year Warranty for Materials and Processing, 25-year Warranty for Linear Power Output



Design (unit: mm)



Mechanical Parameters

Number of cells: 120 (6×20)

Junction Box: IP68, 3 diodes

Output Cable: 4mm², 300mm in length, length can be customized

Connector: MC4 or compatible with MC4

Glass: 3.2mm coated tempered glass

Weight: 19.5kg

Dimension: 1755×1038×35mm

Packaging: 30pcs per pallet, 180pcs/20'GP, 780pcs/40'HC

Operating Parameters

Operating Temperature: -40℃~ +85℃

Power Output Tolerance: 0 ~ +5W

Max System Voltage: DC1000V/1500V (IEC)

Voc and Isc Tolerance: ±3%

Maximum Series Fuse Fuse: 20A

NOCT: 45±2℃

Safety Class: Class II

Electrical Characteristics

Test uncertainty for Pmax: ±3%

Module Type	YMX-60HPH-355M		YMX-60HPH-360M		YMX-60HPH-365M		YMX-60HPH-370M		YMX-60HPH-375M	
	STC	NOCT								
Maximum Power(Pmax/W)	355	265.1	360	268.8	365	272.6	370	276.3	375	280.0
Open Circuit Voltage(Voc/V)	40.3	37.8	40.5	38.0	40.7	38.2	40.9	38.3	41.1	38.5
Short Circuit Current(Isc/A)	11.25	9.10	11.35	9.17	11.43	9.25	11.52	9.32	11.60	9.38
Maximum Power Voltage(Vmp/V)	33.8	31.5	34.0	31.7	34.2	31.8	34.4	32.0	34.6	32.2
Maximum Power Current(Imp/A)	10.51	8.43	10.59	8.49	10.68	8.56	10.76	8.63	10.84	8.69
Module Efficiency(%)	19.5	/	19.8	/	20.0	/	20.3	/	20.6	/

STC (Standard Testing Condition): Irradiance 1000W/m², Cell Temperature 25℃, Air Mass 1.5

NOCT (Nominal Operating Cell Temperature): Irradiance 800W/m², Ambient Temperature 20℃, Air Mass 1.5, Wind Speed 1m/s

Temperature Coefficient (STC)

Temperature Coefficient of Isc: +0.048%/℃

Temperature Coefficient of Voc: -0.270%/℃

Temperature Coefficient of Pmax: -0.350%/℃

Mechanical Loading

Maximum Front Static Load (Wind or Snow): 5400Pa

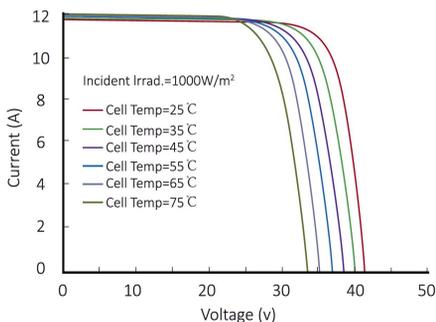
Maximum Rear Static Load (Wind): 2400Pa

Hailstone Test

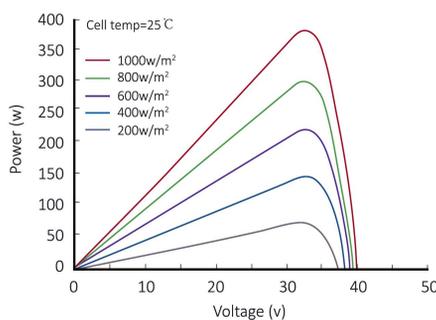
25mm Hailstone at the speed of 23m/s

I-V Curve

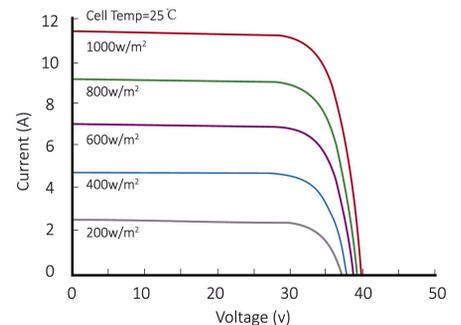
Current-Voltage Curve



Power-Voltage Curve



Current-Voltage Curve



* Note: Due to continuous technical innovation, R&D and improvement, technical data above mentioned may be of modification accordingly. Yimeixu have the sole right to make such modification at anytime without further notice; Demanding party shall request for the latest datasheet for such as contract need, and make it a consisting and binding part of lawful documentation duly signed by both parties.

