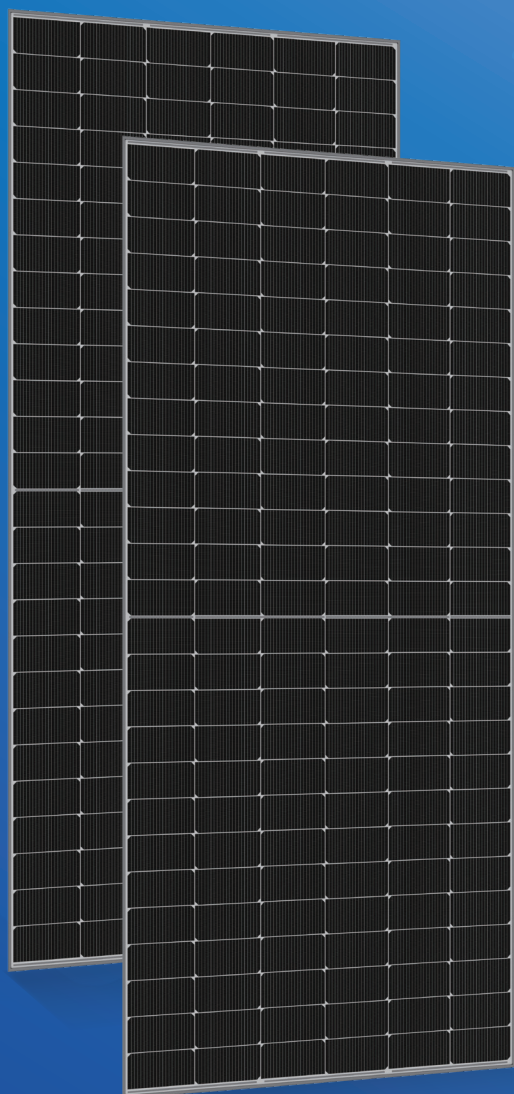




朱雀 M10

MYMH-78HD SUZAKU

Power output 625-645W

High Efficiency HJT Double-glass Module-78P

APPLICATION SCENARIO - HOUSEHOLD ROOF

OBB Technology



Busbar-free Technology

Reduced the shading area
Increased maximum power
Lower cost, Higher quality



Excellent Low Irradiance Performance

Better low irradiance performance under low light conditions



High Efficiency

Ultra-thin Cell & Bifacial Microcrystalline technology,
Excellent optical utilization and current collection



Lower Temperature Coefficient

-0.24%/°C
Stable yield in extremely hot climate



High Bifacial Rate

Up to 90%
Provide extra benefit



Low Power Degradation

Linear product warranty
Excellent anti-PID performance guarantee



QUALITY WARRANTY

1.0%

First Year
Power Degradation

0.3%

Annual
Degradation

15 years

Product
Warranty

30 years

Linear
Product Warranty

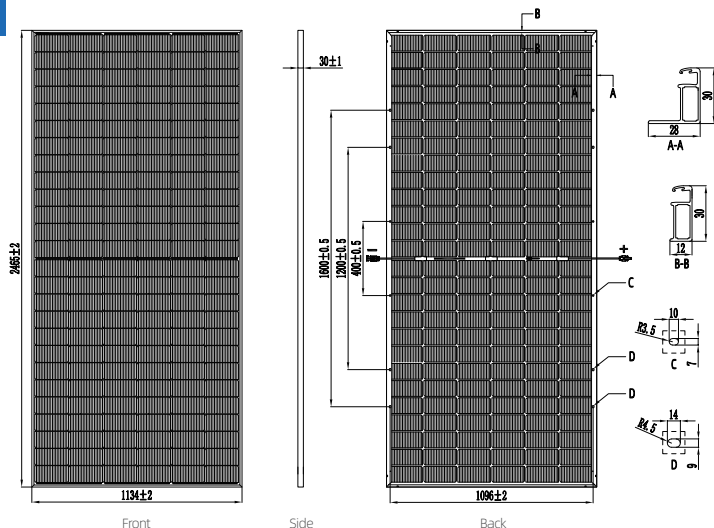
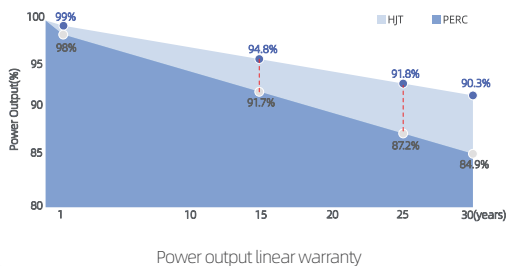
Electrical Characteristics(STC)

-High Efficiency N-type Double-Glass Solar Module

MODEL TYPE	MYMH-78HD-625		MYMH-78HD-630		MYMH-78HD-635		MYMH-78HD-640		MYMH-78HD-645	
Measurement Conditions	STC	NMOT	STC	NMOT	STC	NMOT	STC	NMOT	STC	NMOT
Maximum Power (W)	625	477.8	630	481.7	635	485.4	640	489.3	645	493.2
Voltage at Pmax-Vmp(V)	49.60	46.75	49.72	46.87	49.84	46.95	49.96	47.08	50.09	47.21
Current at Pmax-Imp(A)	12.61	10.22	12.68	10.28	12.75	10.34	12.82	10.39	12.88	10.45
Open-Circuit Voltage-Voc(V)	58.68	56.00	58.85	56.17	59.01	56.23	59.17	56.39	59.33	56.54
Short-Circuit Current-Isc(A)	13.38	10.78	13.45	10.83	13.52	10.91	13.59	10.96	13.66	11.02
Module Efficiency (%)	22.4		22.5		22.7		22.9		23.1	
Power Tolerance(W)	0~+5W									

STC :Irradiance=1000 W/m², Cell Temperature=25°C, AM=1.5 NMOT:Irradiance 800W/m², Ambient Temperature=20°C, AM=1.5, Wind Speed=1m/s

ENGINEERING DRAWINGS (mm)



MECHANICAL CHARACTERISTICS

Solar Cells	N type Mono-crystalline
Cell Configuration	156(6*26)
Module Dimensions	2465mm*1134mm*30mm
Weight	34kg
Glass	2.0mm/2.0mm(Semi-Tempered Glass)
Frame	Aluminium Alloy
Junctiot Box	IP68, Three diodes
Output Cables	TUV/4mm ² -200mm/+300mm(Or Customized Length)
Connector	MC4 Compatible
Protection Class	Class II
Fire Rating	Class C

TEMPERATURE&MAXIMUM RATINGS

Nominal Module Operating Temperature(NMOT)	43±2°C
Temperature Coefficient of Pmax	-0.24%/°C
Temperature Coefficient of Voc	-0.24%/°C
Temperature Coefficient of Isc	0.053%/°C
Maximum System	DC 1500V
Maximum Series Fuse Rating	30A
Operating Temperature	-40°C ~ +85°C
Mechanical Load(Front Side)	5400Pa
Mechanical Load(Back Side)	2400Pa
Bifacial Rate	85±5%

PACKAGING CONFIGURATION

Container	Pieces Per Container	Pallets Per Container	Pieces Per Pallet	Packaging Box Weight (kg)	Packaging Box Dimensions (mm)
20GP	144	4	36	1312.6	2520*1135*1249
40HC	576	16	36	1312.6	2520*1135*1249

Statement: Due to continuous technological innovation, product development and improvement, the characteristics above may be deviated, and the company has the right to adjust the characteristics at any time without notice; customer shall request the latest datasheets. when concluding the contract and make it an integral part of the binding contract concluded by the parties.

