

朱雀 M10

MYMH-54HDB SUZAKU

Power output 425-445W

High Efficiency HJT Double-glass Module-54P

APPLICATION SCENARIO -HOUSEHOLD ROOF



Modules Efficiency

21.8%~22.8%



High Efficiency

Advanced N-type cells with SMBB technology.
Excellent optical utilization and current collection



Excellent Low Irradiance Performance

Better low irradiance performance under low light conditions



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

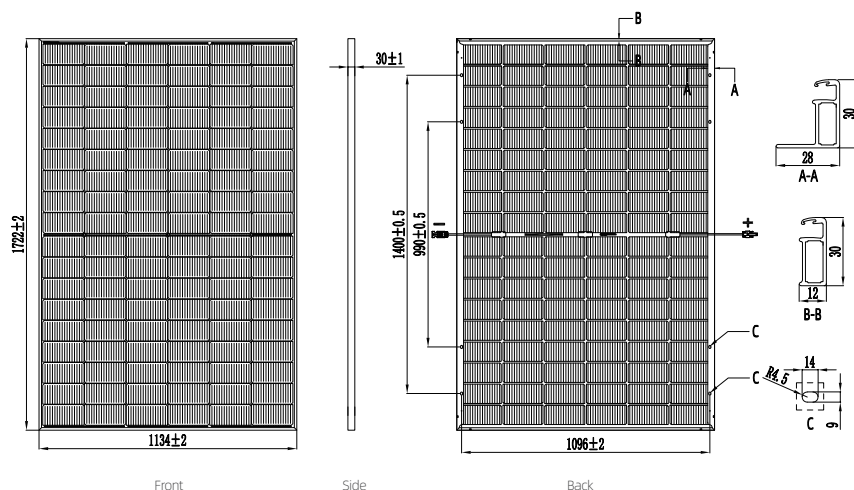
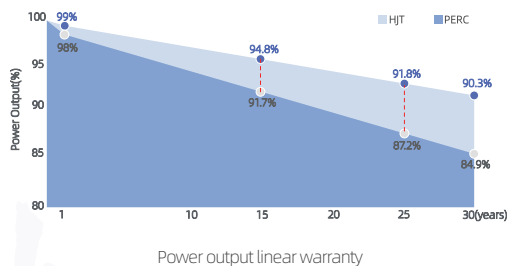
Electrical Characteristics(STC)

-High Efficiency N-type Double-Glass Solar Module

MODEL TYPE	MYMH-54HDB-425		MYMH-54HDB-430		MYMH-54HDB-435		MYMH-54HDB-440		MYMH-54HDB-445	
Measurement Conditions	STC	NMOT	STC	NMOT	STC	NMOT	STC	NMOT	STC	NMOT
Maximum Power (W)	425	325.0	430	328.5	435	332.0	440	335.0	445	339.4
Voltage at Pmax-Vmp(V)	34.12	32.12	34.24	32.29	34.36	32.45	34.48	32.61	34.60	32.74
Current at Pmax-Imp(A)	12.46	10.12	12.56	10.17	12.67	10.23	12.77	10.29	12.87	10.37
Open-Circuit Voltage-Voc(V)	40.29	38.40	40.44	38.54	40.59	38.67	40.74	38.81	40.89	38.95
Short-Circuit Current-Isc(A)	13.23	10.67	13.30	10.73	13.37	10.78	13.44	10.84	13.51	10.90
Module Efficiency (%)	21.8		22.0		22.3		22.5		22.8	
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	108(6*18)
Module Dimensions	1722mm*1134mm*30mm
Weight	24kg
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	25A
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	216	6	36	910	1752*1120*1249
40HC	936	26	36	910	1752*1120*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.

