

MYMT-54HDB

High Efficiency **TOPCon** Double-glass Module
Power Output **425-445W**



High Efficiency

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



PID Resistance

Optimized production process and encapsulation technology, anti-PID performance guarantee



Higher Reliability

Strong adaptability to high salt mist, high ammonia, severe sand&dust environment



High Bifacial Rate

Up to 85%
Provide extra benefit



Lower Temperature Coefficient

-0.29%/ °C
Stable yield in extremely hot climate



Better Mechanical Load

Certified wind load 2400Pa and snow load 5400Pa



QUALITY WARRANTY

1.0%

First Year Power Degradation

0.4%

Annual Degradation

12 years

Product Warranty

30 years

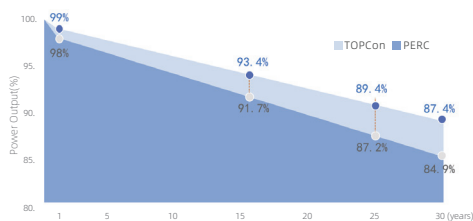
Linear Product Warranty

Electrical Characteristics(STC) -High Efficiency TOPCon Double-glass Module

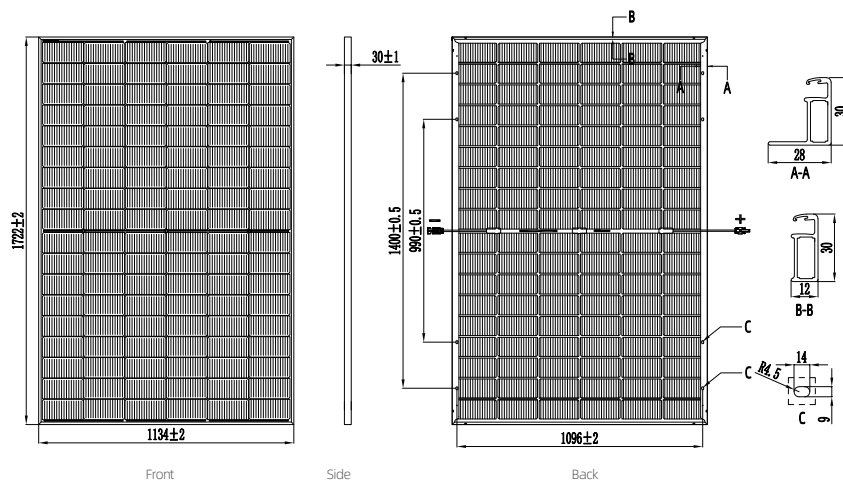
MODEL TYPE	MYMT-54HDB-425	MYMT-54HDB-430	MYMT-54HDB-435	MYMT-54HDB-440	MYMT-54HDB-445
Maximum Power(W)	425	430	435	440	445
Voltage at Pmax-Vmp(V)	31.72	31.93	32.14	32.35	32.56
Current at Pmax-Imp(A)	13.40	13.47	13.54	13.61	13.68
Open-Circuit Voltage-Voc(V)	38.27	38.47	38.67	38.87	39.07
Short-Circuit Current-Isc(A)	14.15	14.21	14.26	14.31	14.36
Module Efficiency (%)	21.8	22.0	22.3	22.5	22.8
Power Tolerance(W)	0~+5W				
Bifacial Factor	80±5%				

STC: Irradiance 1000 W/m², Component Temperature 25°C, AM=1.5

ENGINEERING DRAWINGS (mm)



Power output linear warranty



MECHANICAL CHARACTERISTICS

Solar Cells	N type Mono-crystalline
Cell Configuration	108(6*18)
Module Dimensions	1722mm*1134m*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)	45±2°C
Temperature Coefficient Of Pmax	-0.29%/°C
Temperature Coefficient Of Voc	-0.25%/°C
Temperature Coefficient Of Isc	0.045%/°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

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.

