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MYMH-48HDG WHITE TIGER

Power output 505-530W

High Efficiency HJT Double-glass Module-48P

APPLICATION SCENARIO - GROUND POWER STATION



Modules Efficiency

22.2%~23.3%



High Efficiency

Leading Dual-sided micro-crystal technology
Advanced N-type cells with SMBB technology



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

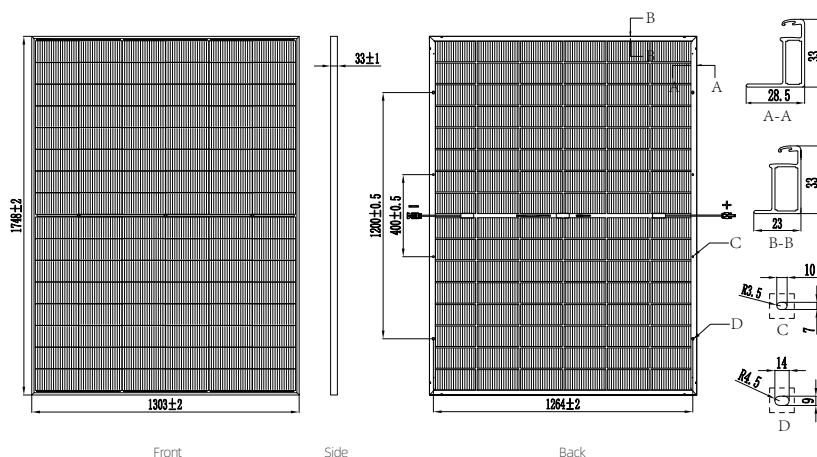
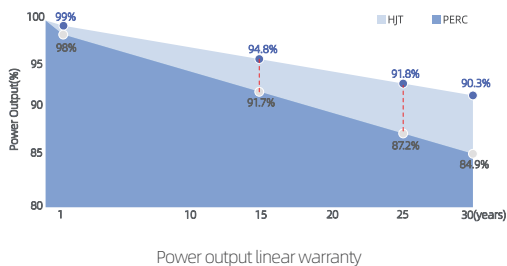
Linear
Product Warranty

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

MODEL TYPE	MYMH-48HDG-505	MYMH-48HDG-510	MYMH-48HDG-515	MYMH-48HDG-520	MYMH-48HDG-525	MYMH-48HDG-530
Maximum Power (W)	505	510	515	520	525	530
Voltage at Pmax-Vmp(V)	29.98	30.04	30.10	30.16	30.22	30.28
Current at Pmax-Imp(A)	16.85	16.98	17.11	17.25	17.38	17.51
Open-Circuit Voltage-Voc(V)	35.68	35.75	35.82	35.89	35.96	36.04
Short-Circuit Current-Isc(A)	17.69	17.82	17.96	18.10	18.24	18.38
Module Efficiency (%)	22.2	22.4	22.6	22.8	23.1	23.3
Power Tolerance(W)	0~+5W					

STC :Irradiance 1000 W/m², Component Temperature 29°C, AM=1.5

ENGINEERING DRAWINGS (mm)



MECHANICAL CHARACTERISTICS

Solar Cells	N type Mono-crystalline
Cell Configuration	96(6*16)
Module Dimensions	1748mm*1303mm*33mm
Weight	28kg
Glass	2.0mm/2.0mm(Semi-Tempered Glass)
Frame	Aluminium Alloy
Junctiot Box	IP68, Three diodes
Output Cables	TUV/4mm ² -280mm/+350mm(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	35A
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	/	/	33	966	1310*1115*1868
40HC	594	18	33	966	1310*1115*1868

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.

