



# HW-M10/144G(560-580)

N-type TOPCon Bifacial Dual Glass

Mono Solar Module



## Introduction

MBB and high-density interconnect technology improves power output and module efficiency.

Deploying advanced non-destructive cutting and half-cut technology, the Module features excellent Mechanical performance.



### Excellent power generation performance

0/+5W positive power tolerance  
Improved low light irradiance performance and low degradation



### Advanced production process

Optimized MBB design  
Cell efficiency >23.0%

## Certificate

TUV: EN IEC 61215, EN IEC 61730  
GB/T 19001-2016/ISO 9001:2015  
GB/T 24001-2016/ISO 14001:2015  
GB/T 45001-2020/ISO 45001:2018



### Stable mechanical performance

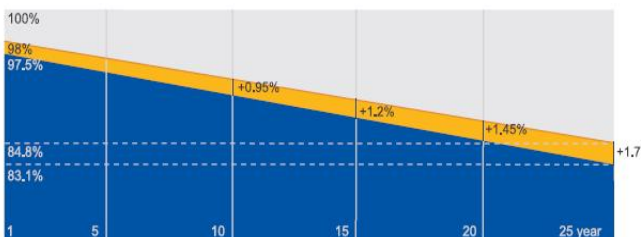
Passed rigorous hail test  
Withstands 5400Pa snow and 2400Pa wind loads



### Superior quality control

Full automatic production line  
100% three times EL and appearance inspection

## Warranty



■ New linear power warranty ■ Standard module linear power warranty

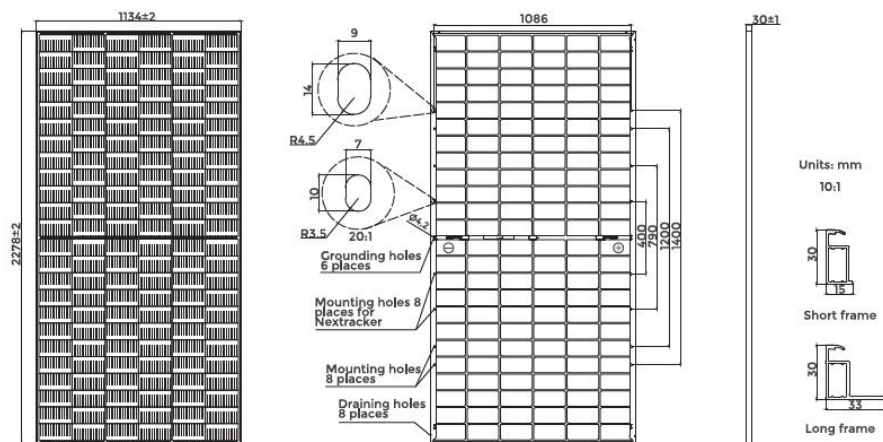
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|              |                        |
|--------------|------------------------|
| Solar Cells  | N-type Monocrystalline |
| No. Of Cells | 144(6x24)              |
| Dimensions   | 2278x1134x30mm         |
| Weight       | 32.0kgs                |
| Junction Box | IP 68, 3 Diodes        |
| Cables       | 4.0mm <sup>2</sup>     |
| Connectors   | QC 4.10-35(1500V)      |

|                                            |             |
|--------------------------------------------|-------------|
| NOCT(Nominal Operating Cell Temperature)   | 43°C (±2°C) |
| Temperature Coe- cient of P <sub>MAX</sub> | - 0.34%/°C  |
| Temperature Coe- cient of V <sub>OC</sub>  | - 0.25%/°C  |
| Temperature Coe- cient of I <sub>SC</sub>  | 0.04%/°C    |

|                         |                |
|-------------------------|----------------|
| Operational Temperature | -40~+85°C      |
| Maximum System Voltage  | 1500V DC (IEC) |
| Max Series Fuse Rating  | 30A            |

Modules per box: 36 pieces

Modules per 40' container: 720 pieces

2% first year degradation

