



Residential / Commercial / Utility



# 395 / 400 / 405 / 410

## DM410M10-B54HSW



### Adaptability

Best size and excellent performance for various application scenarios



### Quality

Over 40 years of manufacturing experience in house wafer, cell and module



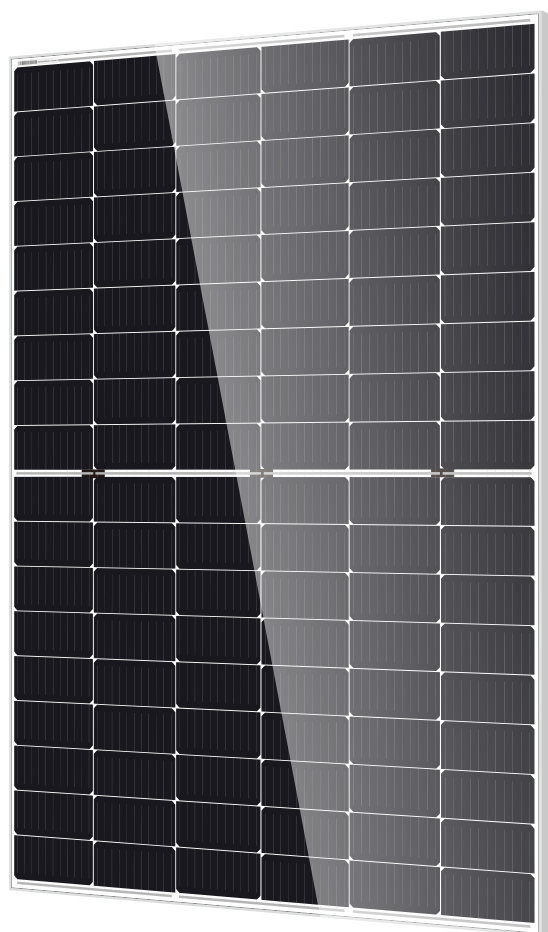
### Guarantee

Warranty comes from one of the most financial healthy PV providers

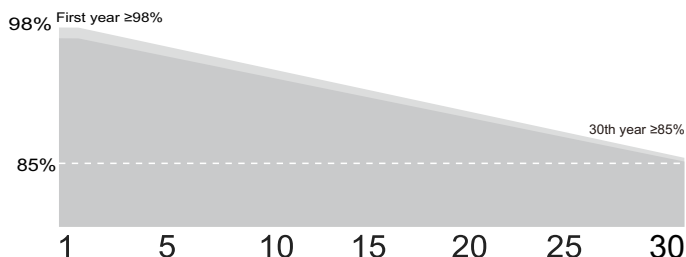


### Service

Customer-oriented and local services



### Warranty



**15** Years product warranty

**30** Years power output warranty

A Member of the Hengdian Group

Ver:20220614A0

## Electrical Specifications

| Module Type   | DM395M10-B54HSW |       | DM400M10-B54HSW |       | DM405M10-B54HSW |       | DM410M10-B54HSW |       |
|---|-----------------|-------|-----------------|-------|-----------------|-------|-----------------|-------|
|   | STC             | NOCT  | STC             | NOCT  | STC             | NOCT  | STC             | NOCT  |
| Pm(W)   | 395             | 317   | 400             | 321   | 405             | 325   | 410             | 329   |
| Imp(A)  | 13.10           | 10.54 | 13.19           | 10.61 | 13.28           | 10.68 | 13.37           | 10.75 |
| Vmp(V)  | 30.18           | 30.11 | 30.35           | 30.28 | 30.52           | 30.45 | 30.69           | 30.62 |
| Isc(A)  | 13.50           | 10.75 | 13.59           | 10.82 | 13.68           | 10.89 | 13.77           | 10.96 |
| Voc(V)  | 37.09           | 36.77 | 37.21           | 36.88 | 37.33           | 37.00 | 37.45           | 37.12 |
| Module Efficiency   | 20.23%          |       | 20.48%          |       | 20.74%          |       | 21.00%          |       |
| Pm Tolerance 0/+3% Bifaciality:70%±10% STC:AM1.5 1000W/m <sup>2</sup> 25°C NOCT:AM1.5 800W/m <sup>2</sup> 20°C 1m/s Measurement uncertainty:±3% |                 |       |                 |       |                 |       |                 |       |

## Bifacial Gain

| Gain | Module Type | DM395M10-B54HSW | DM400M10-B54HSW | DM405M10-B54HSW | DM410M10-B54HSW |
|------|-------------|-----------------|-----------------|-----------------|-----------------|
| 10%  | Pm(STC)     | 435W            | 440W            | 446W            | 451W            |
| 20%  | Pm(STC)     | 474W            | 480W            | 486W            | 492W            |
| 30%  | Pm(STC)     | 514W            | 520W            | 527W            | 533W            |

## Mechanical Data

|                          |  |
|--------------------------|--|
| Cell Type                | P type Mono-crystalline                                  |
| Cell Arrangement         | 108(6x18)  |
| Module Dimensions        | 1722x1134x30mm   |
| Weight                   | 25.1kg   |
| Module Structure         | Glass/Encapsulant/Glass                                  |
| Glass Thickness          | 2.0mm+2.0mm  |
| PV module classification | Class II   |
| Junction Box Rating      | IP67/IP68  |
| Cables                   | 4mm <sup>2</sup> /1100mm or Customized Length            |
| Connector Type           | MC4/MC4 Compatible(1000V)<br>EVO2/EVO2 Compatible(1500V) |

## Packaging

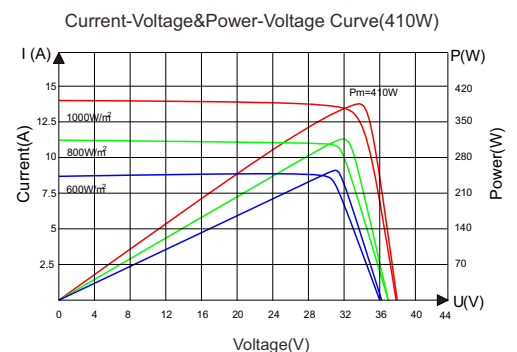
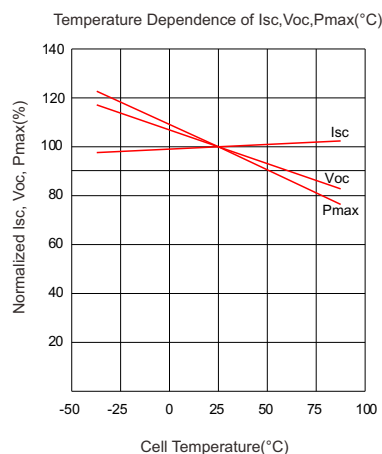
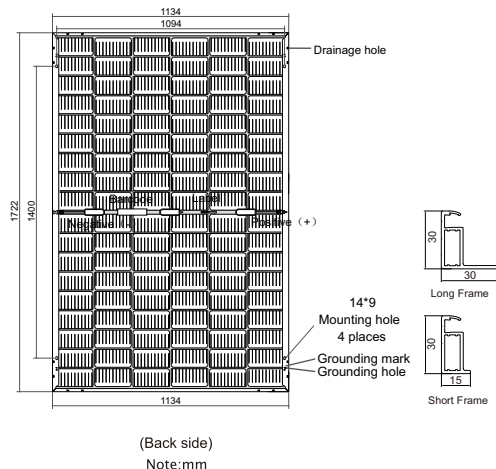
|                      |                  |
|----------------------|------------------|
| Pallet dimensions    | 1770×1140×1250mm |
| Container            | 40'HQ            |
| Pieces per Pallet    | 36               |
| Pieces per Container | 936              |

## Temperature Characteristics

|  |             |
|--|-------------|
| Nominal Operating Cell Temperature(NOCT) | 42±3°C      |
| Temperature Coefficient of Isc           | +0.0448%/°C |
| Temperature Coefficient of Voc           | -0.246%/°C  |
| Temperature Coefficient of Pmax          | -0.330%/°C  |

## Maximum Ratings

|                        |                         |                            |         |
|------------------------|-------------------------|----------------------------|---------|
| Operating Temperature  | -40°C to +85°C          | Maximum Series Fuse Rating | 30A     |
| Maximum Load Capacity  | Snow 5400Pa/Wind 2400Pa | Number of Diodes           | 3       |
| Maximum System Voltage | 1000V/1500V DC(IEC)     | Fire Rating Class          | Class C |



**Statement:** Due to technological progress, product parameters will be adjusted accordingly; When signing the contract, the latest data of the company shall prevail.