



Best Choice for
Utility

DMEGC
S O L A R

BIFACIAL MODULE WITH DUAL GLASS

535 / 540 / 545 / 550

DM535M10-B72HSW/HBW

DM540M10-B72HSW/HBW

DM545M10-B72HSW/HBW

DM550M10-B72HSW/HBW



Performance

Lower LCOE, reduced BOS cost, short payback time



Quality

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



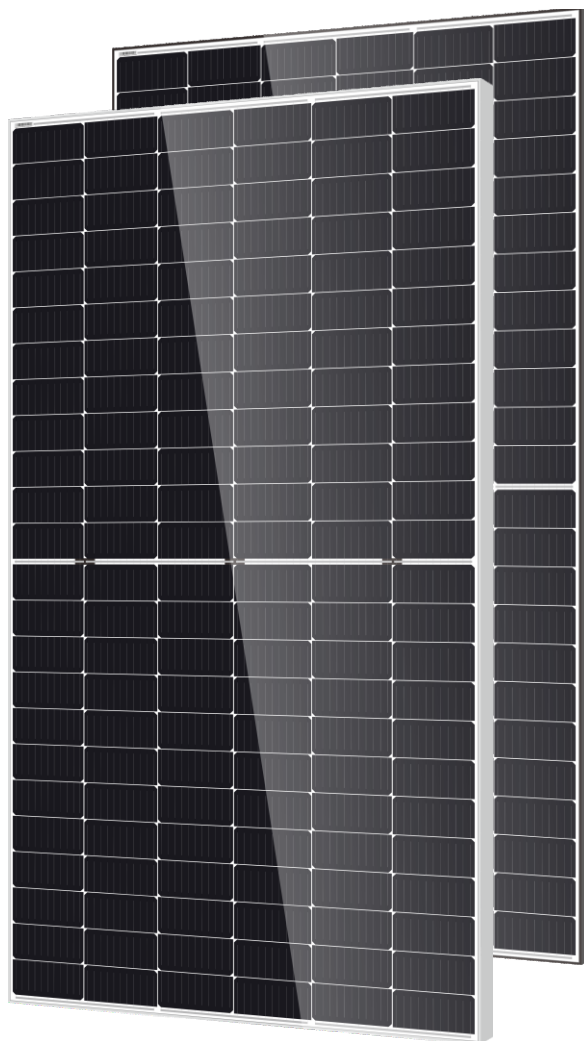
Guarantee

Warranty comes from one of the most financially healthy PV providers

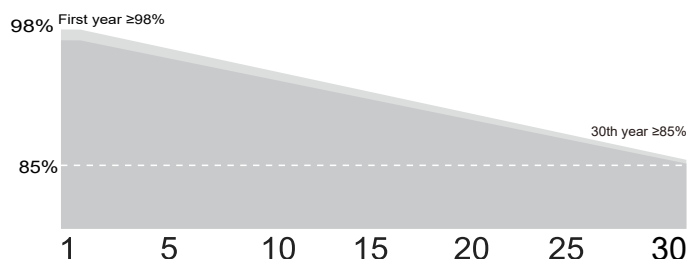


Service

Customer-oriented and local services



Warranty



15 Years product warranty

30 Years power output warranty

A Member of the Hengdian Group



Ver:20221103A3

Electrical Specifications

| Module Type | DM535M10-B72HSW/HBW | | DM540M10-B72HSW/HBW | | DM545M10-B72HSW/HBW | | DM550M10-B72HSW/HBW | |
|-------------------------------|---------------------|---------------------|---------------------|-------------------------|---------------------|--|---------------------|-------|
| Testing Condition | STC | NOCT | STC | NOCT | STC | NOCT | STC | NOCT |
| Maximum Power (Pmax/W) | 535 | 406 | 540 | 409 | 545 | 413 | 550 | 417 |
| Maximum Power Current (Imp/A) | 13.05 | 10.38 | 13.12 | 10.44 | 13.19 | 10.50 | 13.26 | 10.55 |
| Maximum Power Voltage (Vmp/V) | 41.00 | 39.07 | 41.16 | 39.22 | 41.32 | 39.37 | 41.48 | 39.52 |
| Short-circuit Current (Isc/A) | 13.90 | 11.26 | 13.97 | 11.31 | 14.04 | 11.37 | 14.11 | 11.43 |
| Open-circuit Voltage (Voc/V) | 49.44 | 46.81 | 49.59 | 46.95 | 49.74 | 47.09 | 49.89 | 47.23 |
| Module Efficiency STC (%) | 20.71% | | 20.90% | | 21.10% | | 21.29% | |
| Pmax Tolerance 0/+3% | | Bifaciality:70%±10% | | STC:AM1.5 1000W/m² 25°C | | NOCT:AM1.5 800W/m² 20°C 1m/s Measurement uncertainty:±3% | | |

Bifacial Gain

| | | | | | |
|-----|-----------|------|------|------|------|
| 10% | Pmax(STC) | 589W | 594W | 600W | 605W |
| 20% | Pmax(STC) | 642W | 648W | 654W | 660W |
| 30% | Pmax(STC) | 696W | 702W | 709W | 715W |

Mechanical Data

| | |
|--------------------------|---|
| Cell Type | P type Mono-crystalline |
| Cell Arrangement | 144(6x24) |
| Module Dimensions | 2278x1134x30mm |
| Weight | 32kg |
| Module Structure | Glass/Encapsulant/Glass |
| Glass Thickness | 2.0mm+2.0mm |
| PV Module Classification | Class II |
| Junction Box Rating | IP68 |
| Cables | 4mm ² /1300mm or Customized Length |
| Connector Type | PV-ZH202B or MC4-EVO 2A (1500V) |

Packaging

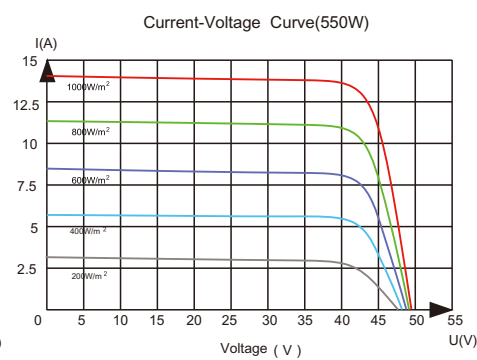
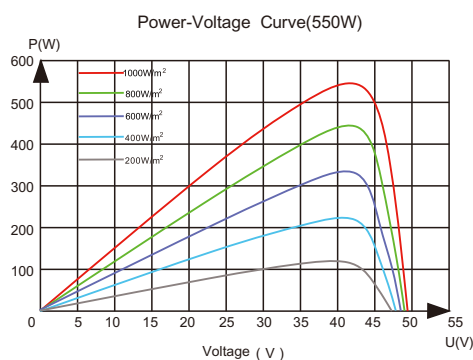
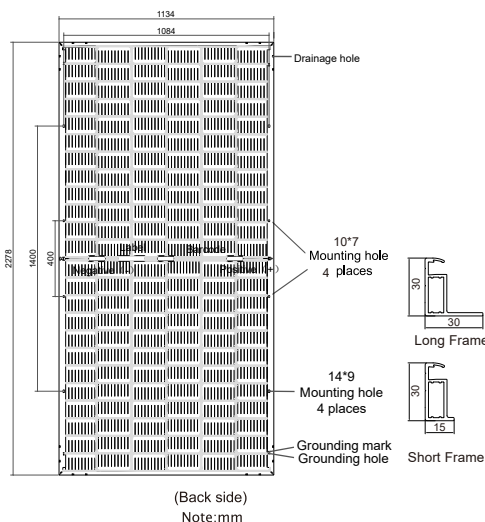
| | |
|----------------------|------------------|
| Pallet Dimensions | 2320×1140×1250mm |
| Container | 40'HQ |
| Pieces per Pallet | 36 |
| Pieces per Container | 720 |

Temperature Characteristics

| | |
|--|------------|
| Nominal Operating Cell Temperature(NOCT) | 42±3°C |
| Temperature Coefficient of Isc | +0.063%/°C |
| Temperature Coefficient of Voc | -0.269%/°C |
| Temperature Coefficient of Pmax | -0.335%/°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 | 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.