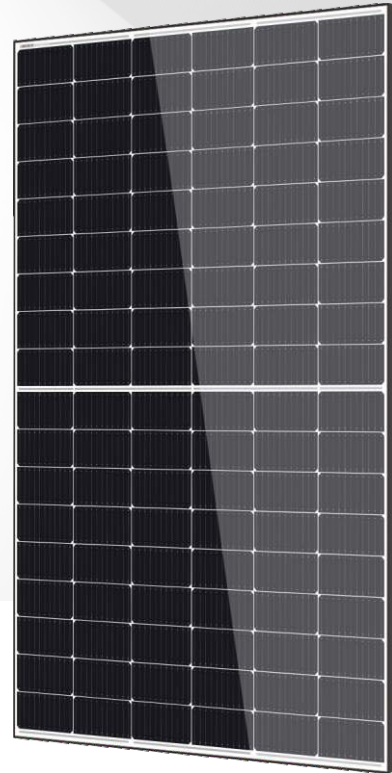




DMEGC *Quality. Performance. Value.*

DM395M10-54HSW/-V
DM400M10-54HSW/-V
DM405M10-54HSW/-V
DM410M10-54HSW/-V
DM415M10-54HSW/-V

Power tolerance:0-5W



Technology

High module conversion efficiency through superior manufacturing technology



DMEGC cell inside

Over decade cell production experience
Qualified by most of module manufacturers
5G enhanced manufactory



Performance

High performance under low light conditions
(Cloudy days, mornings and evenings)



Quality

Manufactured according to International Quality, Health and Safety, Environmental Management Systems(ISO9001, ISO14001, ISO45001)



Value

Assured by the manufacturer who is the very most healthy PV provider



Social responsibility

SA8000 certified by TÜV Nord
Low carbon footprint traceable



Service

Local office support, immediate response

Superior Manufacturing-Quality Assurance



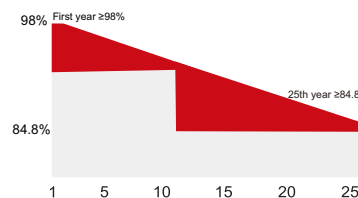
- TQC & SPC quality control systems
- Advanced cell sorting to avoid electric mismatch
- 100% two EL tests

Visible Quality



- Durable,high-quality
- Rigid construction: 5400Pa & 2400Pa rated assembly

Warranty



- 12 Years product warranty
- 25 Years power output warranty
- 0.55% Annual Degradation Over 25 years

Electrical Specifications

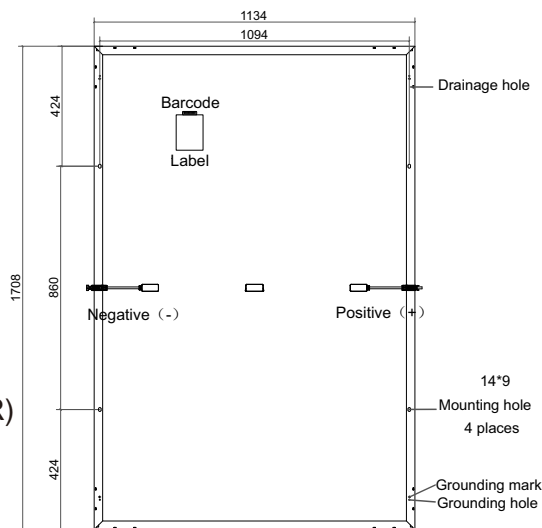
* STC irradiance of 1000W/m² spectrum AM 1.5 and cell temperature of 25°

| Module Type | Pm(W) | Tolerance | Imp(A) | Vmp(V) ² | Isc(A) | Voc (V) | Module Efficiency% |
|-------------------|-------|-----------|--------|---------------------|--------|---------|--------------------|
| DM395M10-54HSW/-V | 395 | ±3% | 13.10 | 30.18 | 13.50 | 37.09 | 20.39% |
| DM400M10-54HSW/-V | 400 | ±3% | 13.19 | 30.35 | 13.59 | 37.21 | 20.65% |
| DM405M10-54HSW/-V | 405 | ±3% | 13.28 | 30.52 | 13.68 | 37.33 | 20.91% |
| DM410M10-54HSW/-V | 410 | ±3% | 13.37 | 30.69 | 13.77 | 37.45 | 21.17% |
| DM415M10-54HSW/-V | 415 | ±3% | 13.46 | 30.86 | 13.86 | 37.57 | 21.43% |

Tolerance: P_{max}±3%; V_{oc}±3%; I_{sc}±4%

Mechanical Data

| | |
|--------------------------|---|
| Cell Type | P type Mono-crystalline |
| Cell Arrangement | 108(6x18) |
| Module Structure | Glass/Encapsulant/Backsheet |
| Glass Thickness | 2.8mm |
| PV module classification | Class II |
| Junction Box Rating | IP67/IP68 |
| Cables | 4mm ² /1100mm or Customized Length |
| Connector Type | MC(PV-KST4/xy-UR;PV-KBST/xy-UR) |
| Fire Rating Class | Class C |



(Back side)
Note:mm

Maximum Ratings

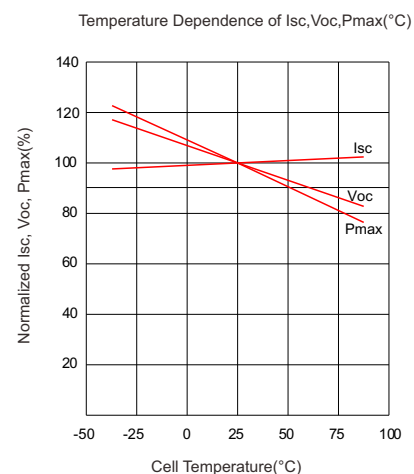
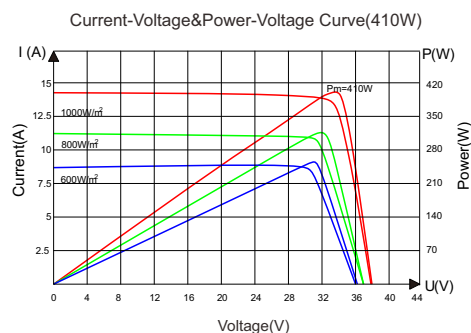
| | |
|----------------------------|----------------|
| Operating Temperature | -40°C to +85°C |
| Maximum System Voltage | 1000V DC(IEC) |
| Maximum Series Fuse Rating | 25A |
| Number of Diodes | 3 |

Packaging

| | |
|----------------------|----------------|
| Module Dimensions | 1708x1134x30mm |
| Weight | 22.8kg |
| Container | 40' HQ |
| Pieces per Pallet | 36 |
| Pieces per Container | 936 |

Temperature Characteristics

| | |
|---|-------------|
| Temperature Coefficient of I _{sc} | +0.0448%/°C |
| Temperature Coefficient of V _{oc} | -0.246%/°C |
| Temperature Coefficient of P _{max} | -0.330%/°C |



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



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