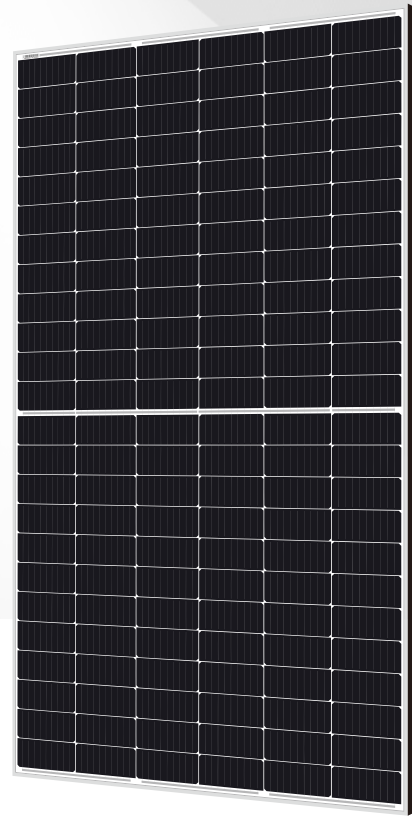




**DMEGC** *Quality. Performance. Value.*

# 445 / 450 / 455 / 460

## DM460M6-72HSW/-V



### 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



### PID Free

Excellent PID resistance according to IEC TS 62804-1



### 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



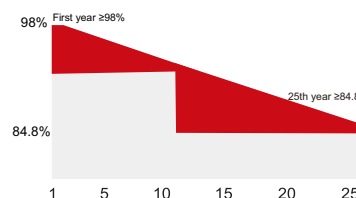
- TQC & SPC quality control systems
- Advanced cell sorting to avoid electric mismatch
- 100% twice EL tests

## Visible Quality



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

## Warranty



- 12 Years product warranty
- 25 Years power output warranty

A Member of the Hengdian Group

Ver:20220314A2

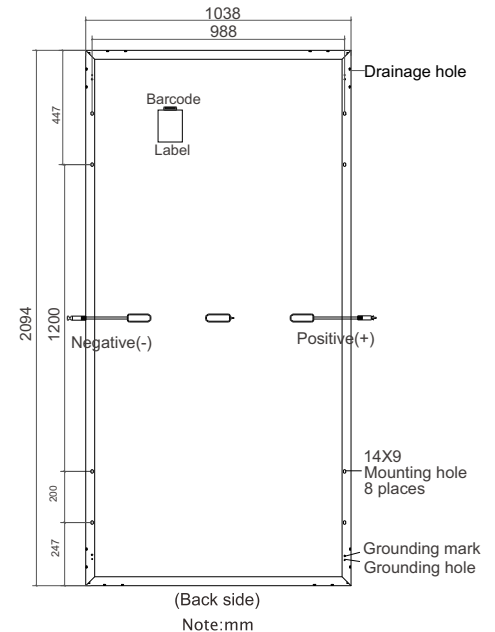
## Electrical Specifications

\* STC irradiance of 1000W/m<sup>2</sup> spectrum AM 1.5 and cell temperature of 25°C

Module Type	Pm(W)	Tolerance	I <sub>mp</sub> (A)	V <sub>mp</sub> (V)	I <sub>sc</sub> (A)	V <sub>oc</sub> (V)	Module Efficiency
DM445M6-72HSW/-V	445	0/+3%	10.92	40.77	11.35	50.12	20.47%
DM450M6-72HSW/-V	450	0/+3%	11.01	40.91	11.43	50.27	20.70%
DM455M6-72HSW/-V	455	0/+3%	11.10	41.04	11.51	50.42	20.93%
DM460M6-72HSW/-V	460	0/+3%	11.18	41.17	11.59	50.57	21.16%

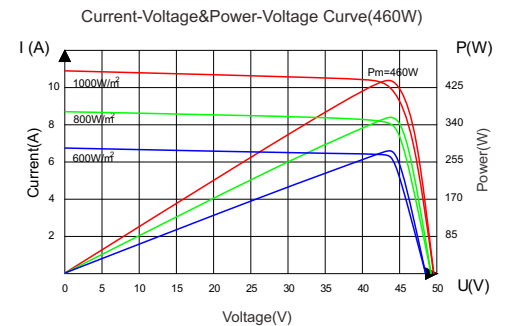
## Mechanical Data

Cell Type	P type Mono-crystalline
Cell Arrangement	144(6x24)
Module Structure	Glass/Encapsulant/Backsheet
Glass Thickness	3.2mm
PV module classification	Class II
Junction Box Rating	IP67/IP68
Cables	4mm <sup>2</sup> /1300mm or Customized Length
Connector Type	MC4/MC4 Compatible(1000V) EVO2/EVO2 Compatible(1500V)
Fire Rating Class	Class C



## Maximum Ratings

Operating Temperature	-40°C to +85°C
Maximum System Voltage	1000V/1500V DC(IEC)
Maximum Series Fuse Rating	20A
Number of Diodes	3

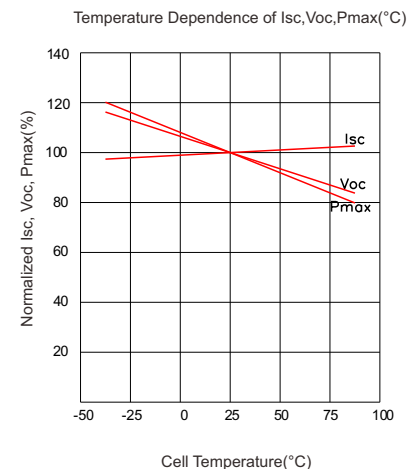


## Packaging

Module Dimensions	2094x1038x35mm
Weight	24.3kg
Container	40' HQ
Pieces per Pallet	31
Pieces per Container	682

## Temperature Characteristics

Temperature Coefficient of I <sub>sc</sub>	+0.0487%/°C
Temperature Coefficient of V <sub>oc</sub>	-0.256%/°C
Temperature Coefficient of P <sub>max</sub>	-0.328%/°C



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



Hengdian Group DMEGC Magnetics Co., Ltd.  
Hengdian Industrial Zone, Dongyang City  
Zhejiang Province, China 322118

Tel: 0086-579-8658-8825 Fax: 0086-579-8655-4845  
Email: solar@dmegc.com.cn  
www.chinadmegc.com www.dmegc.solar