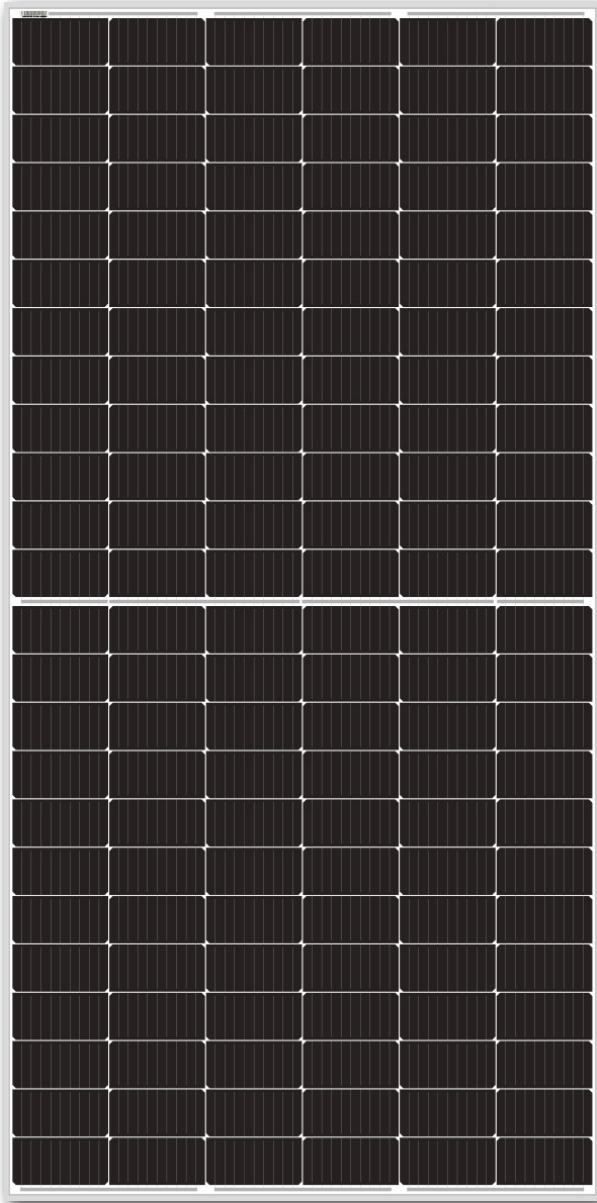


## DM460M6-72HSW/-V

450 | 455 | 460 Wp

half cut monocrystalline cells, white backsheet, anodised aluminum frame



### TECHNOLOGY

High module conversion efficiency



### VALUE

Our vertically integrated business model results in competitive pricing



### POWER POSITIVE TOLERANCE

Guaranteed power output 0 - 3 %



### PERFORMANCE

Good performance under low light conditions



### QUALITY

Manufacturing according to international quality and environmental management systems



### HALF CELL TECHNOLOGY

Reduces power loss



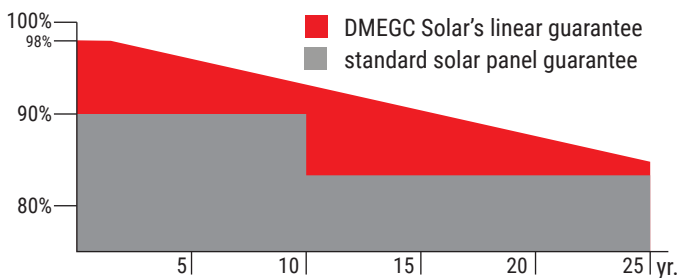
### PID FREE

According to IEC TS 62804-1 standards



### EL TEST

Two times 100% EL test during production



### WARRANTY

- 25 years warranty of 84.8% power output
- 12 years manufacturers warranty



CHUBB



Tier 1



## Electrical specifications

Module	Pm (W)	Tolerance	Imp (A)	Vmp (V)	Isc (A)	Voc (V)	Efficiency
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 %

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

## Mechanical data

cell type	P-type monocrystalline (½)
cell arrangement	6 x 24
module structure	glass / backsheet
glass thickness	3.2 mm
PV module classification	class II
junction box rating	IP67 / IP68
cables	4 mm <sup>2</sup>   1300 mm*
conector type	MC4 / MC4 compatible
fire class rating	class C

\* optional customized length

## Maximum ratings

operational temperature	-40 °C to +85 °C
max. snow load	5400 Pa
max. wind load	2400 Pa
max. system voltage	1000 / 1500V DC (IEC)
max. series fuse rating	20 A
diodes	3

## Temperature characteristics

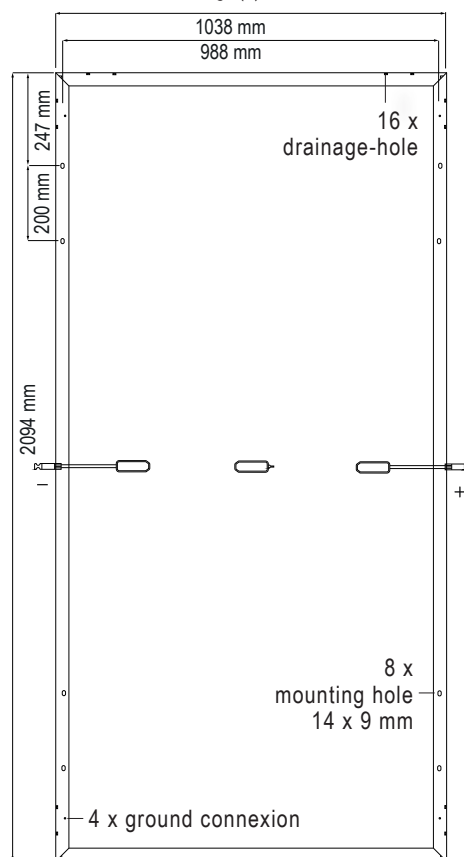
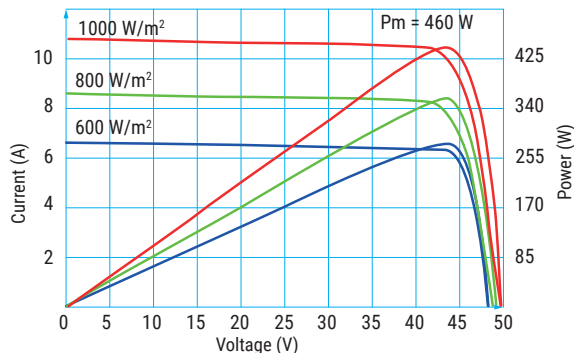
temperature coefficient of Isc	+ 0.0487 % / °C
temperature coefficient of Voc	- 0.265 % / °C
temperature coefficient of Pmax	- 0.328 % / °C

## Packaging

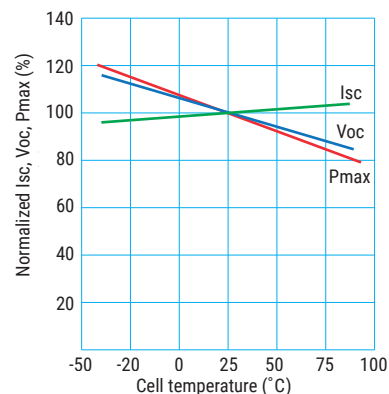
module dimensions	2094 x 1038 x 35
weight	24.3 kg
container	40' HQ
pieces per pallet	31
modules per container	682

Declaration: Due to continuous technology innovation, the above indicated parameters are subject to change without prior announcement. Upon contract/order confirmation, our company's latest data shall be the final version.

## Current - voltage & power voltage curves



## Temperature dependence of Isc, Voc, Pmax



# DMEGC