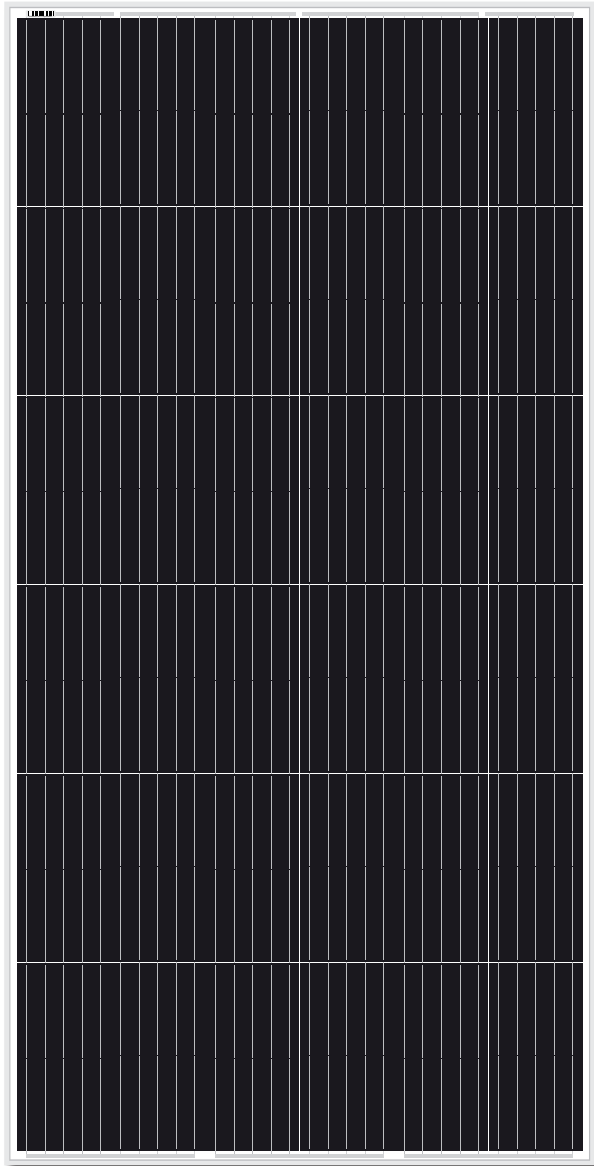


## DM400-M158-72

390 | 395 | 400 Wp

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



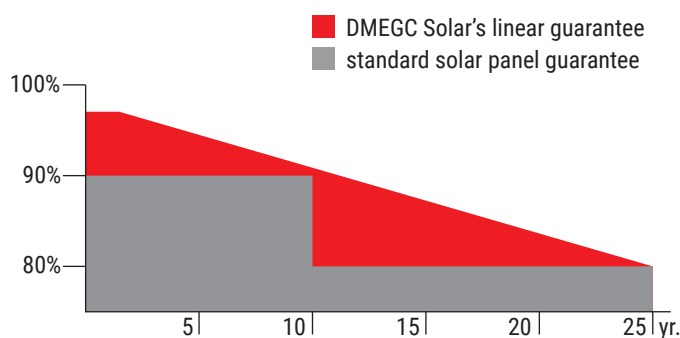
### PID FREE

All DMEGC modules are PID free



### EL TEST

Three times 100% EL Test during production



### WARRANTY

- 25 years warranty of 80% power output
- 10 years warranty of 90% power output
- 10 years manufacturers warranty

### CERTIFICATES AND STANDARDS

IEC 61215, IEC 61730, Conform CE, UL1703



## Electrical specifications

Module	Pm (W)	Tolérance	I <sub>mp</sub> (A)	V <sub>mp</sub> (V)	I <sub>sc</sub> (A)	V <sub>oc</sub> (V)	Efficiency
DM390-M158-72	390	0 / +3 %	9.51	41.03	9.99	49.25	19.67 %
DM395-M158-72	395	0 / +3 %	9.59	41.22	10.06	49.39	19.92 %
DM400-M158-72	400	0 / +3 %	9.67	41.40	10.13	49.53	20.17 %

## Mechanical data

cell type	DMPD5B158-223
cell arrangement	6 x 12
module structure	glass / EVA / backsheet
glass thickness	3.2 mm
application class	class A at IEC 61730
junction box rating	IP67
cables	1200 mm   4 mm <sup>2</sup>
connector type	MC4 Compatible
fire rating class	class A

## Maximum ratings

operating temperature	-40 °C to +85 °C
maximum snow load capacity	5400 Pa
maximum wind load capacity	2400 Pa
maximum system voltage	600V DC (UL) / 1000V DC (IEC)
maximum series fuse rating	15 A
number of diodes	3

## Temperature characteristics

nominal operating temperature	45 °C +/- 2 °C (NOCT)
temperature coefficient of I <sub>sc</sub>	+ 0.060 % / °C
temperature coefficient of V <sub>oc</sub>	- 0.300 % / °C
temperature coefficient of P <sub>max</sub>	- 0.390 % / °C

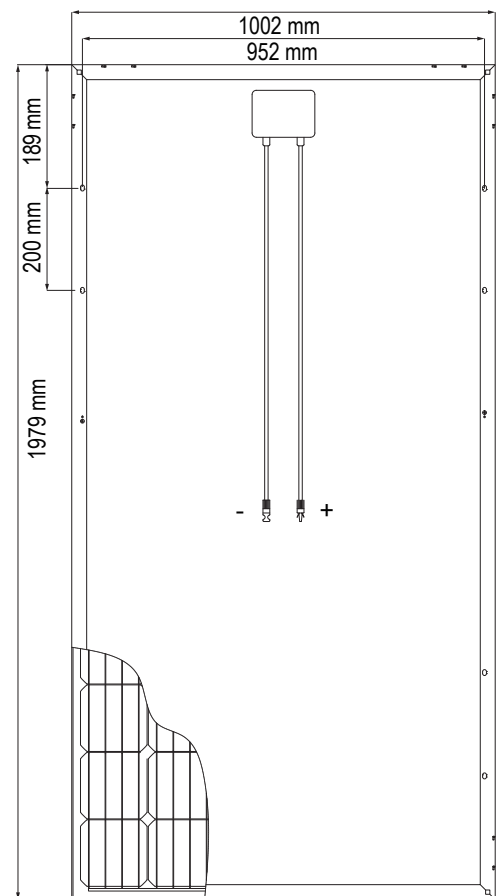
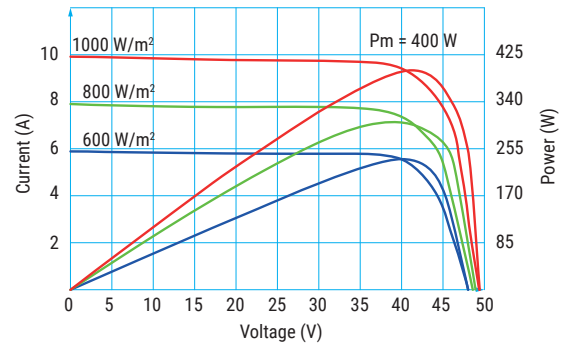
## Packaging

module dimensions (mm)	1979 x 1002 x 40
weight	22.7 kg
pallet dimensions (mm)	2020 x 1130 x 1140
container	40' HQ
pieces per pallet	27
pallets per container	22
pieces per container	594
gross weight per pallet	665 kg
gross weight per container	14630 kg

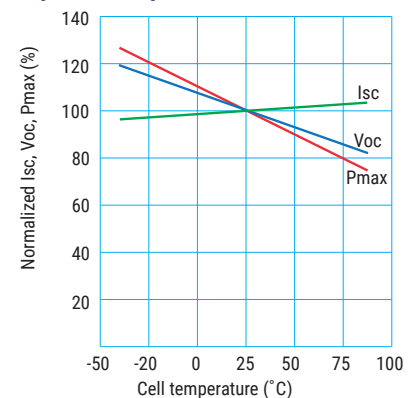
The final dimensions and weights of modules and packaging will be established when an order is placed.

No rights can be derived from the data on this sheet.

## Current-voltage & Power-voltage curve (300W)



## Temperature dependence of I<sub>sc</sub>, V<sub>oc</sub>, P<sub>max</sub>



# DMEGC

S O L A R