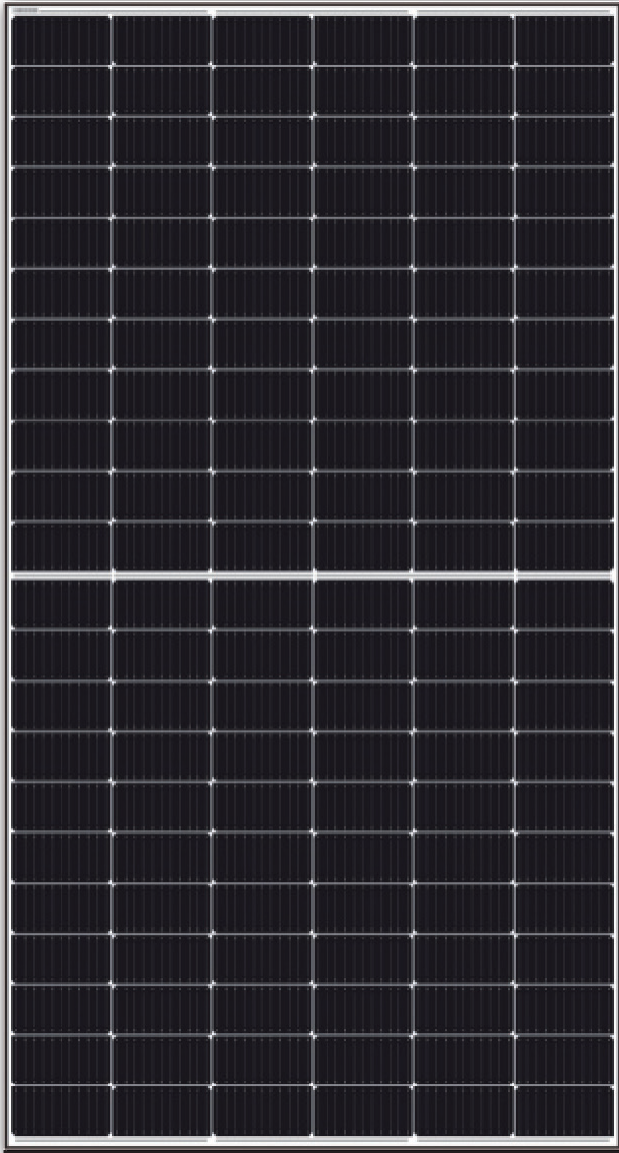


## DM505M10-66HBW

495 | 500 | 505 Wp

half cut monocrystalline cells, white backsheet, anodised black 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



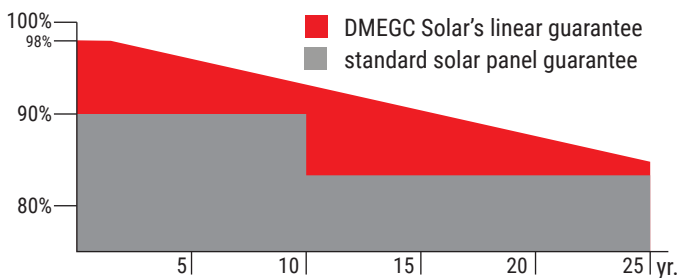
### HALF CELL TECHNOLOGY

Reduces power loss



### PID FREE

According to IEC TS 62804-1 standards



### WARRANTY

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

## Electrical specifications

Module	Pm (W)	Tolerance	I <sub>mp</sub> (A)	V <sub>mp</sub> (V)	I <sub>sc</sub> (A)	V <sub>oc</sub> (V)	Efficiency
DM495M10-66HBW	495	0 - 3 %	13.28	37.30	13.68	45.62	20.85 %
DM500M10-66HBW	500	0 - 3 %	13.35	37.47	13.75	45.74	21.06 %
DM505M10-66HBW	505	0 - 3 %	13.43	37.63	13.83	45.86	21.27 %

## Mechanical data

cell type	P type mono-crystalline
cell arrangement	6 x 22
module structure	glass / EVA / cells / EVA / backsheet
glass thickness	3.2 mm
PV module classification	2
junction box rating	IP68
cables	4 mm <sup>2</sup>   1300* mm
conector type	MC4 / MC4 Compatible
fire class rating	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	1000V /1500V DC(IEC)
max. series fuse rating	25 A
diodes	3

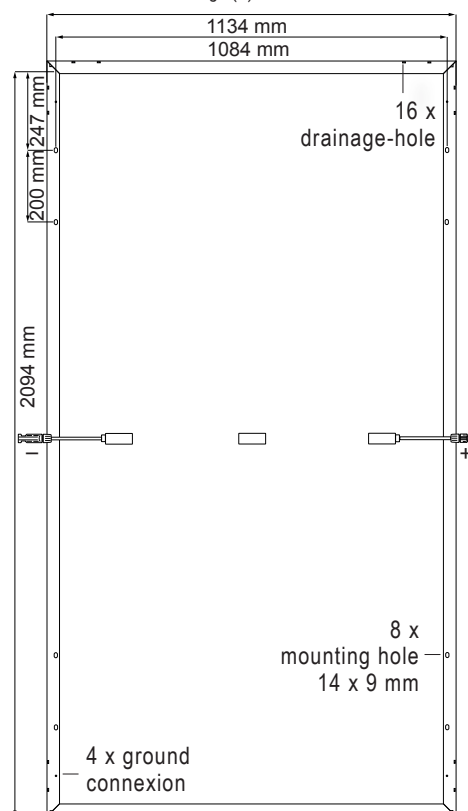
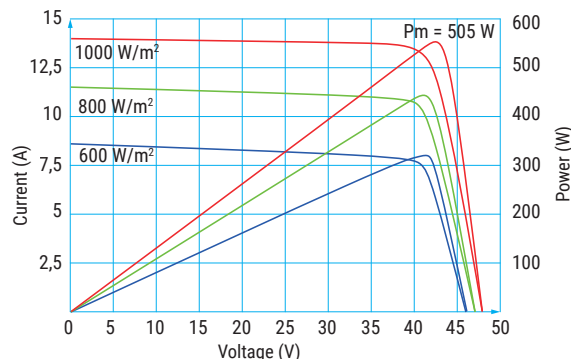
## Temperature characteristics

nominal operating temperature	42 °C ± 3 °C (NMOT)
temperature coefficient of I <sub>sc</sub>	+ 0.038 % / °C
temperature coefficient of V <sub>oc</sub>	- 0.270 % / °C
temperature coefficient of P <sub>max</sub>	- 0.365 % / °C

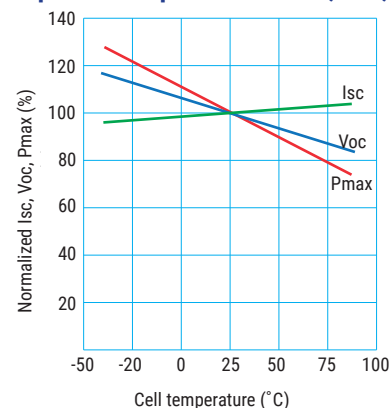
## Packaging

module dimensions	2094 x 1134 x 35
weight	26.6 kg
pallet dimensions	2145 x 1130 x 1275
container	40' HQ
pieces per pallet	31
pallets per container	22
modules per container	682
gross weight per pallet	885 kg
gross weight per container	19470 kg

## Current - voltage & power voltage curves



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



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.

# DMEGC