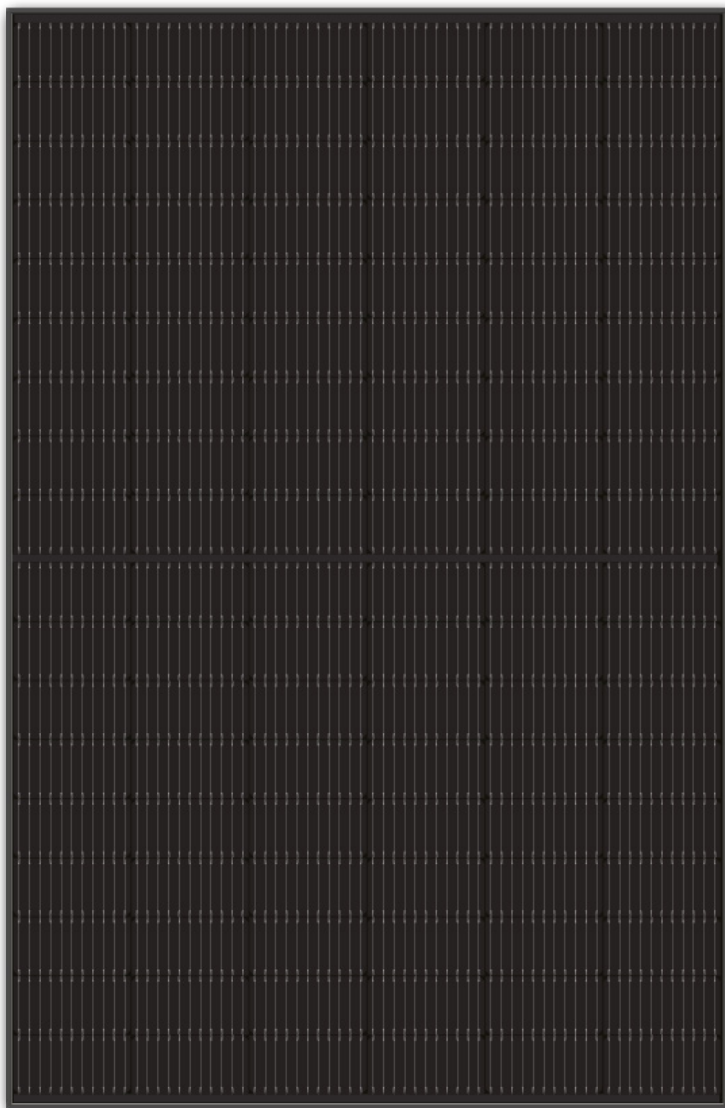


## DM405M10-B54HBB

395 | 400 | 405 Wp

double glass; half cut monocrystalline cells, black 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



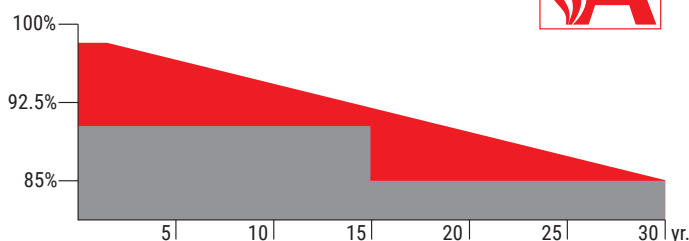
### HALF CELL TECHNOLOGY

Reduces power loss



### PID FREE

According to IEC TS 62804-1 standards



### WARRANTY

- 30 years warranty of 85% power output
- 15 years manufacturers warranty

■ DMEGC Solar's linear guarantee  
 ■ standard solar panel guarantee



CHUBB



Tier 1



## Electrical specifications

Module type	P <sub>m</sub> (W)	P <sub>m</sub> + 10%*	P <sub>m</sub> + 20%*	P <sub>m</sub> + 30%*	Tolerance	I <sub>mp</sub> (A)	V <sub>mp</sub> (V)	I <sub>sc</sub> (A)	V <sub>oc</sub> (V)	Efficiency
DM395M10-B54HBB	395	435	474	514	0 - 3 %	13.10	30.18	13.50	37.09	20.23 %
DM400M10-B54HBB	400	440	480	520	0 - 3 %	13.19	30.35	13.59	37.21	20.48 %
DM405M10-B54HBB	405	446	486	527	0 - 3 %	13.28	30.52	13.68	37.33	20.74 %

\*) Example of power increase due to BiFacial gain

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

## Mechanical data

cell type	P type mono crystalline
cell arrangement	6 x 18
module structure	glass / glass
glass thickness (front + back)	2.8 mm + 2 mm
PV module classification	class II
junction box rating	IP67 / IP68
cables	4 mm <sup>2</sup>   1100 mm*
connector type	MC4 / MC4 Compatible
fire class rating	class A

\* 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 DC (IEC)
max. series fuse rating	30 A
diodes	3

## Temperature characteristics

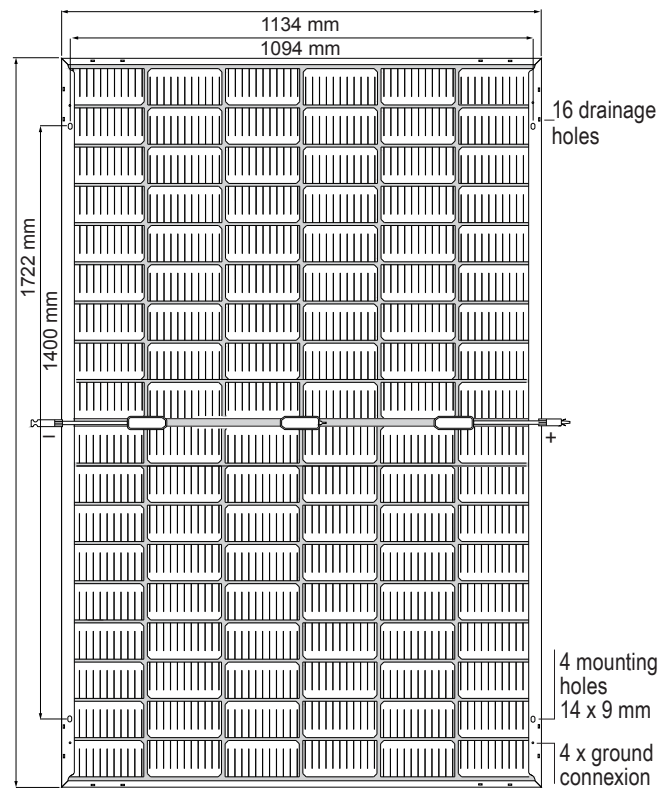
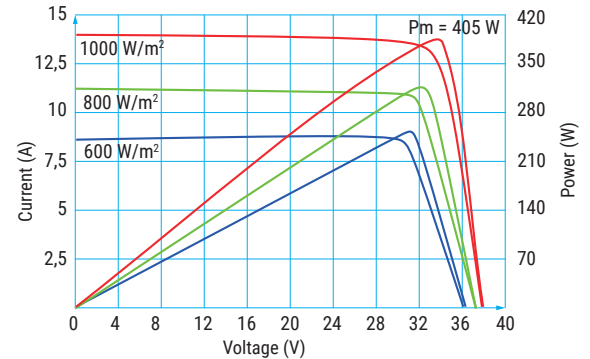
temperature coefficient of I <sub>sc</sub>	+ 0.0448 % / °C
temperature coefficient of V <sub>oc</sub>	- 0.246 % / °C
temperature coefficient of P <sub>max</sub>	- 0.330 % / °C

## Packaging

module dimensions	1722 x 1134 x 30
weight	28.7 kg
container	40' HQ
pieces per pallet	36
modules per container	936

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 I<sub>sc</sub>, V<sub>oc</sub>, P<sub>max</sub>

