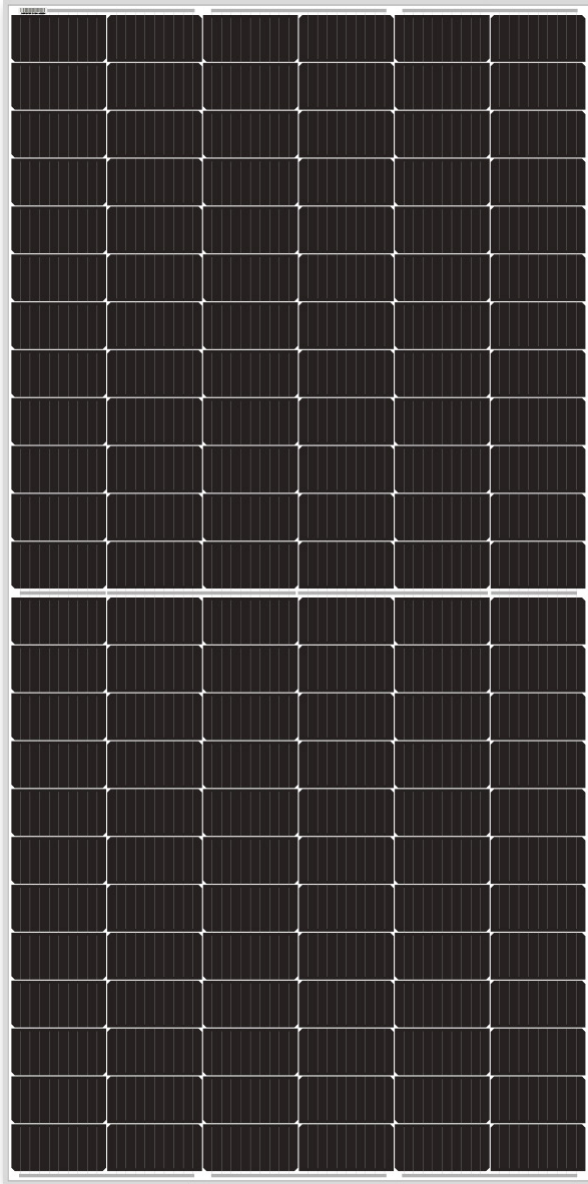


DM460M6-72HSW

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



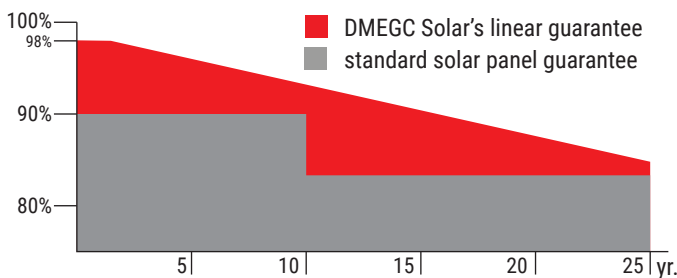
PID FREE

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



Electrical specifications

Module	Pm (W)	Tolerance	I _{mp} (A)	V _{mp} (V)	I _{sc} (A)	V _{oc} (V)	Efficiency
DM450M6-72HSW	450	0 - 3 %	11.01	40.91	11.43	50.27	20.70 %
DM455M6-72HSW	455	0 - 3 %	11.10	41.04	11.51	50.42	20.93 %
DM460M6-72HSW	460	0 - 3 %	11.18	41.17	11.59	50.57	21.16 %

Mechanical data

cell type	DMPD9B166-223 (½)
cell arrangement	6 x 24
module structure	glass / EVA / cells / EVA / backsheet
glass thickness	3.2 mm
PV module classification	2
junction box rating	IP67 / IP68
cables	1300 mm / 4 mm ²
conector type	MC4 / MC4 compatible
fire class rating	C

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

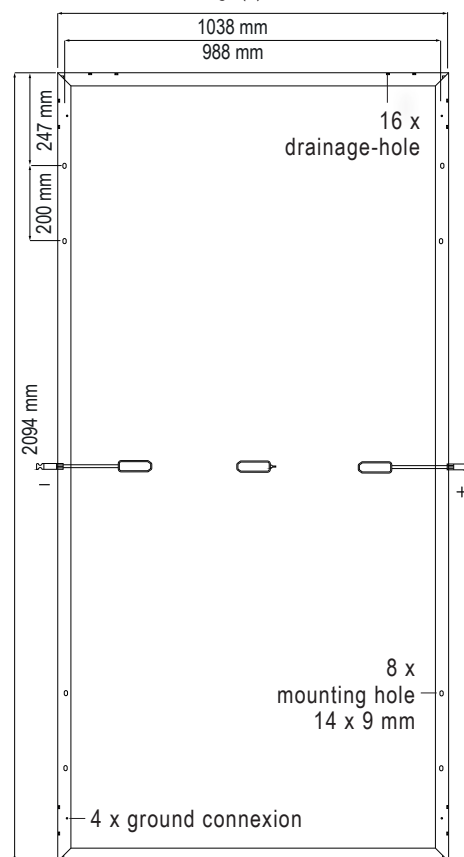
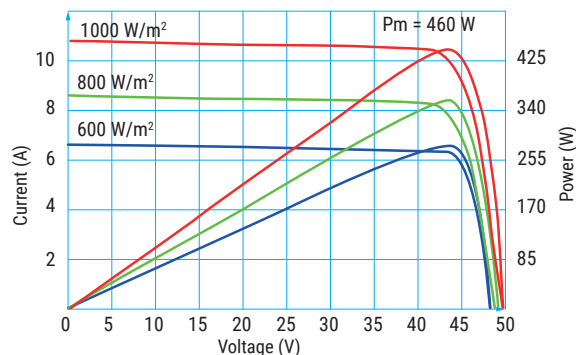
nominal operating temperature	42 °C ± 3 °C (NMOT)
temperature coefficient of I _{sc}	+ 0.038 % / °C
temperature coefficient of V _{oc}	- 0.270 % / °C
temperature coefficient of P _{max}	- 0.365 % / °C

Packaging

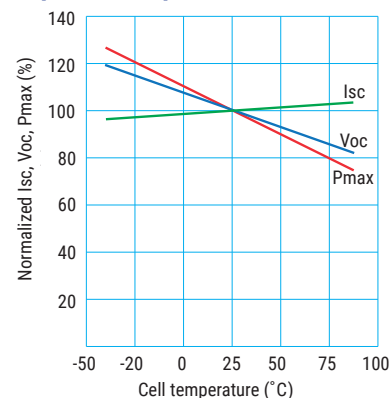
module dimensions	2094 x 1038 x 35
weight	24.3 kg
pallet dimensions	2135 x 1130 x 1175
container	40' HQ
pieces per pallet	31
pallets per container	22
modules per container	682
gross weight per pallet	800 kg
gross weight per container	17600 kg

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_{sc}, V_{oc}, P_{max}



DMEGC