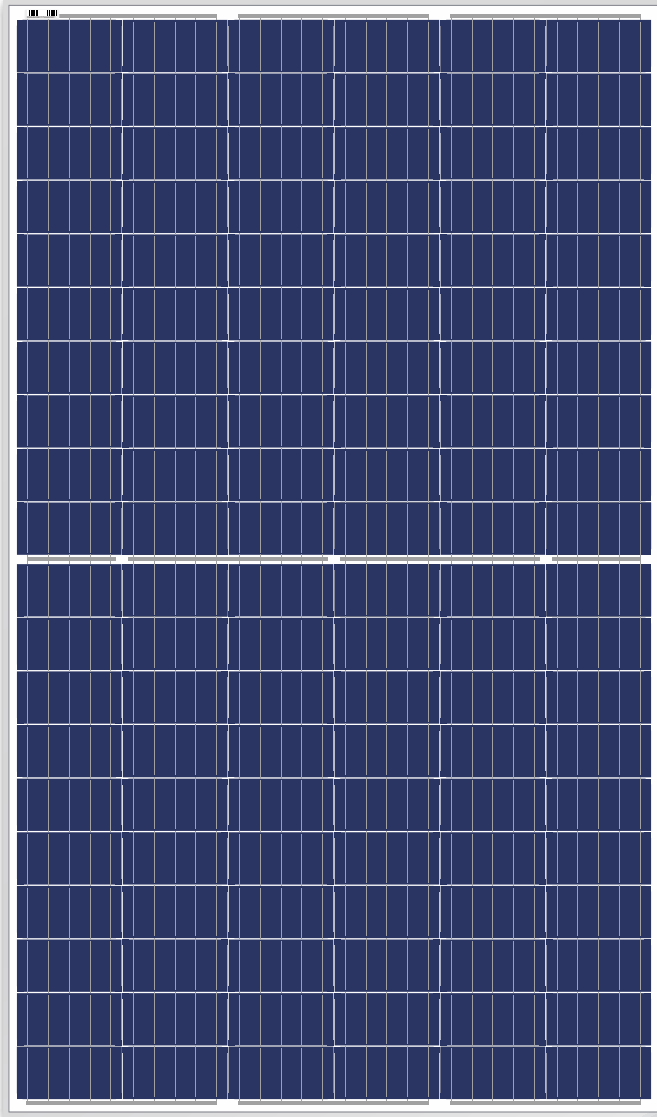


DMH295P6-120SW

280 | 285 | 290 | 295 Wp

half cut polycrystalline 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



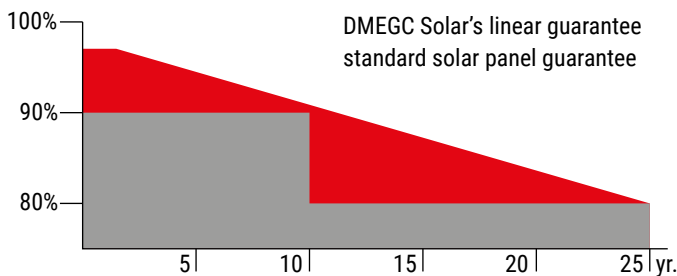
PID FREE

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

Module type	Pm (W)		Imp (A)	Vmp (V)	Isc (A)	Voc (V)	Efficiency
DMH280P6-120SW	280	0 / +3 %	8.97	31.25	9.32	38.62	16.85 %
DMH285P6-120SW	285	0 / +3 %	9.08	31.43	9.41	38.80	17.15 %
DMH290P6-120SW	290	0 / +3 %	9.19	31.60	9.50	38.97	17.45 %
DMH295P6-120SW	295	0 / +3 %	9.30	31.77	9.59	39.12	17.75 %

Mechanical data

cell type	DMTP5B157X157 (1/2)
cell arangement	6 x 20
module structure	glass / EVA / cells / EVA / backsheet
glass thickness	3.2 mm
application class	class A at IEC 61730
junction box rating	IP68
cables	1000 mm / 4 mm ²
connector type	MC4 Compatible
fire class rating	class C

Maximum ratings

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

Temperature characteristics

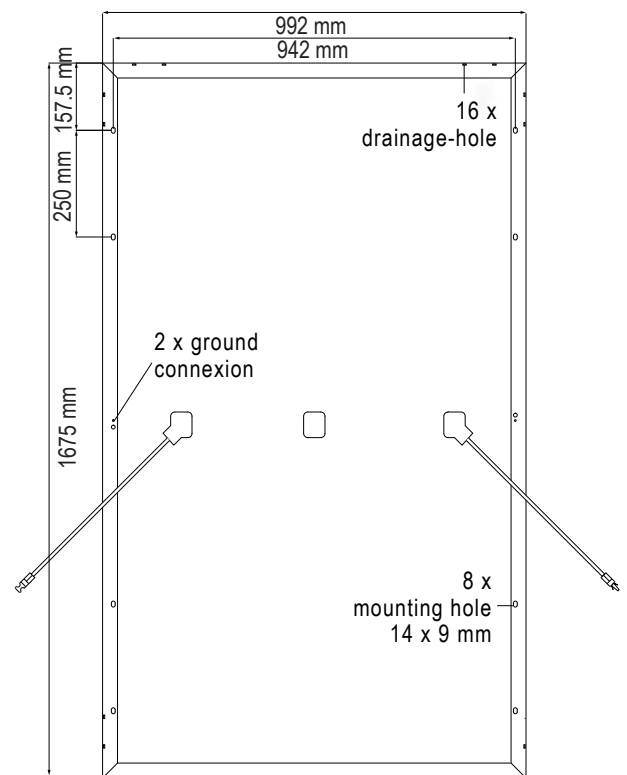
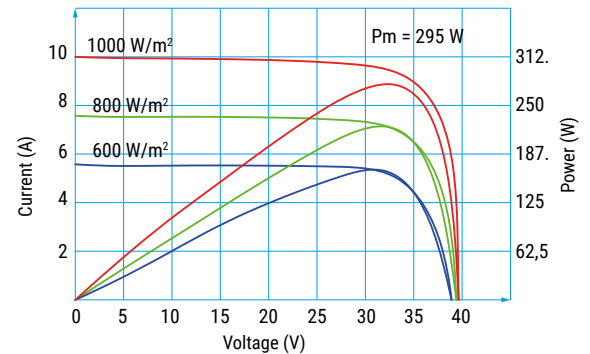
nominal operating cell temperature	45 °C +/- 2 °C (NOCT)
temperature coefficient of Isc	+ 0.057 % / °C
temperature coefficient of Voc	- 0.308 % / °C
temperature coefficient of Pmax	- 0.406 % / °C

Packaging

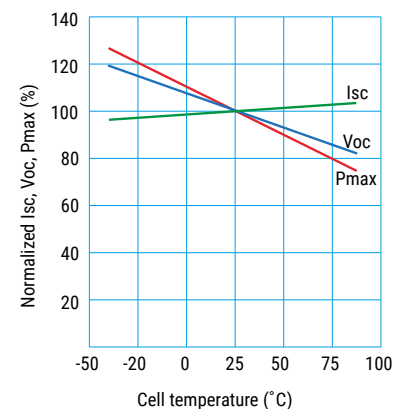
module dimensions	1675 x 992 x 35
weight	18.5 kg
pallet dimensions	1725 x 1130 x 1130
container	40' HQ
pieces per pallet	31
pallets per container	26
gross weight per pallet	806
gross weight per container	610 kg
bruto gewicht per container	15860 kg

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 Isc, Voc, Pmax



DMEGC