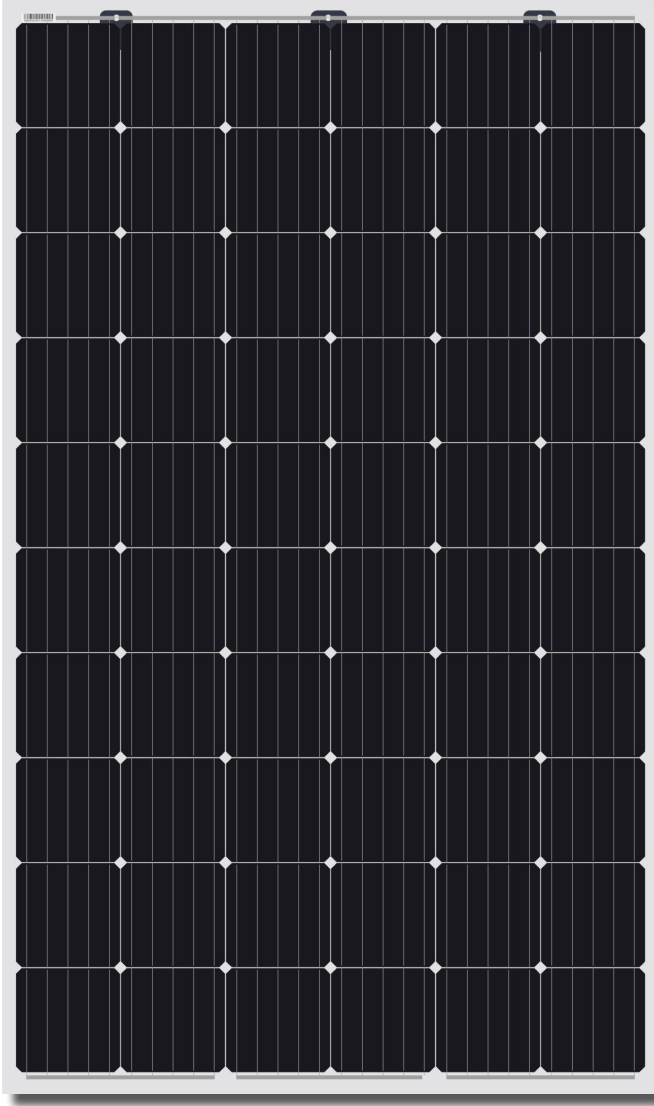


DMG300M6-60XT

290 | 295 | 300 Wp

Double glass, PERC monocrystalline cells, transparent backsheets, frameless



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



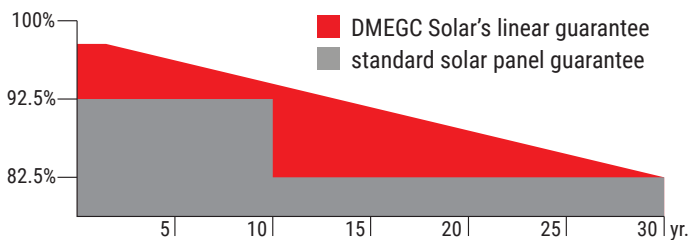
VOLTAGE RESISTANCE

The module can withstand 1500 V system voltage



EL TEST

Three times 100% EL Test during production



WARRANTY

- 30 years warranty of 80% power output
- 10 years warranty of 90% power output
- 15 years manufacturers warranty

CERTIFICATES AND STANDARDS

IEC 61215, IEC 61730, Conform CE, UL1703



Electrical specifications

Module	Pm (W)	Tolerance	I _{mp} (A)	V _{mp} (V)	I _{sc} (A)	V _{oc} (V)	Efficiency
DMG290-M156-60XT	290	0 / +3 %	9.01	32.19	9.49	39.48	17.63 %
DMG295-M156-60XT	295	0 / +3 %	9.11	32.40	9.59	39.64	17.94 %
DMG300-M156-60XT	300	0 / +3 %	9.21	32.61	9.69	39.80	18.24 %

Mechanical data

cell type	DMPD5B157-210
cell arrangement	6 x 10
module structure	glass / EVA / glass
glass thickness	front: 2 mm / back: 2mm
application class	class A at IEC 61730
junction box rating	IP67
cables	1000 mm 4 mm ²
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	1500V DC (IEC)
maximum series fuse rating	15 A
number of diodes	3
number of busbars	

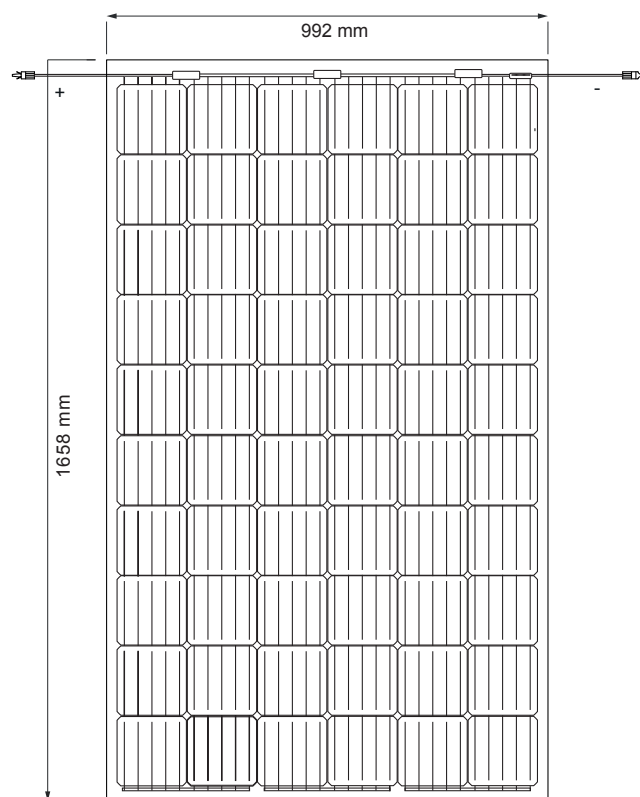
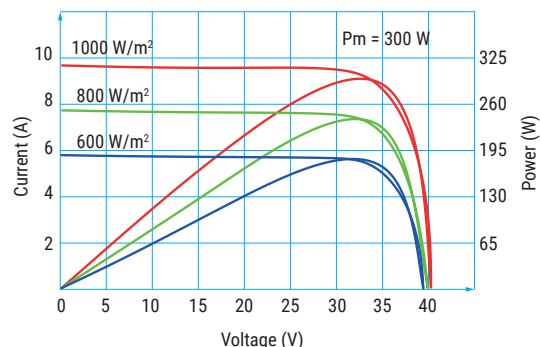
Temperature characteristics

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

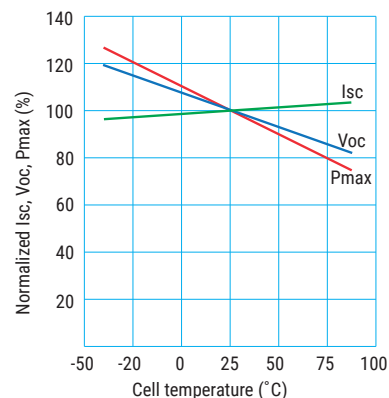
Packaging

module dimensions (mm)	1658 x 992 x 6
weight	22.8 kg
pallet dimensions (mm)	1780 x 1140 x 1175
container	40' HQ
pieces per pallet	33
pallets per container	26
pieces per container	858
gross weight per pallet	845 kg
gross weight per container	21970 kg

Current-voltage & Power-voltage curves



Temperature dependence of I_{sc}, V_{oc}, P_{max}



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.

DMEGC