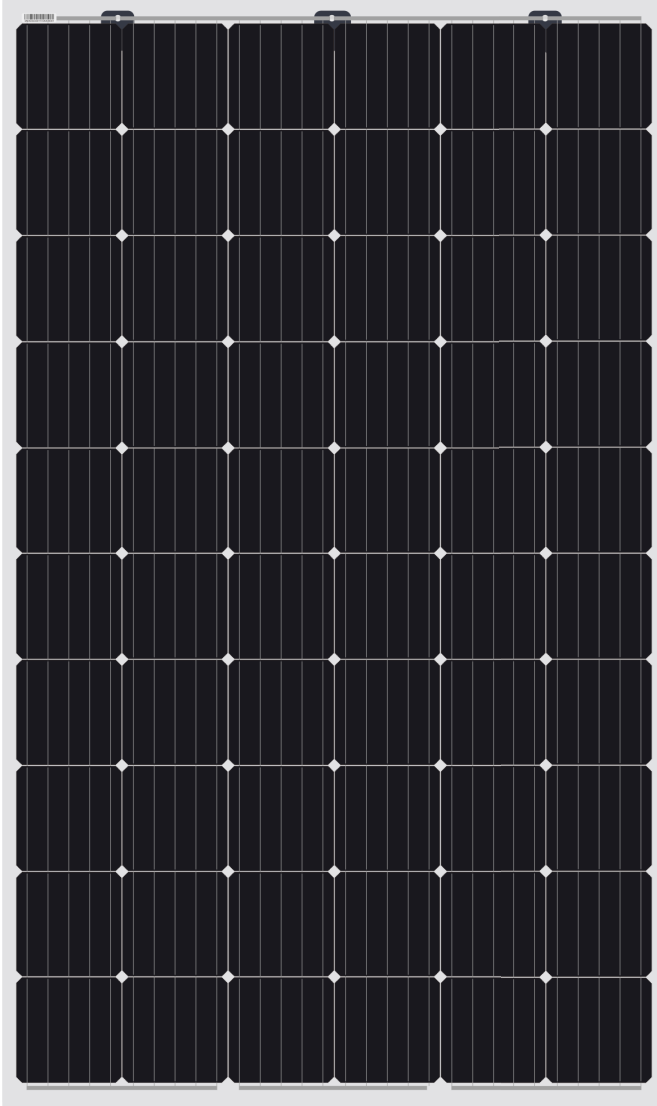


DMG310B6-60XT

300 | 305 | 310 Wp

double glass, frameless, bi-facial monocrystalline cells and transparent EVA



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



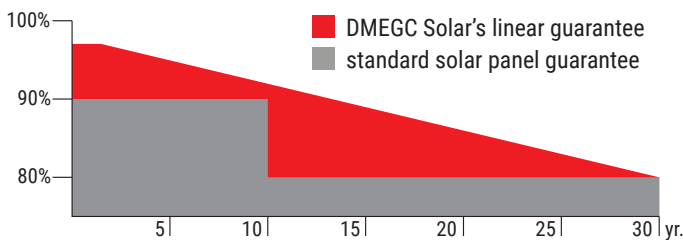
VOLTAGE RESISTANCE

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 type	P _m (W)	I _{mp} (A)	V _{mp} (V)	I _{sc} (A)	V _{oc} (V)	Efficiency
DMG300B6-60ST	300 (330*)	9.07 (9.98*)	33.10	9.68 (10.65*)	40.10	17.94 % (19.73 %*)
DMG305B6-60ST	305 (336*)	9.16 (10.8*)	33.30	9.78 (10.76*)	40.30	18.24 % (20.09 %*)
DMG310B6-60ST	310 (341*)	9.26 (10.19*)	33.50	9.88 (10.87*)	40.50	18.53 % (20.39 %*)

*) Bi-facial gain of 10%

Mechanical data

cell type	DMPD5B157-210
cell arangement	6 x 10
module structure	glass / EVA / cells / EVA / glass
glass thickness	front: 2 mm / back: 2mm
application class	class A at IEC 61730
junction box rating	IP67
cables	300 mm 4 mm ²
connector type	MC4 Kompatibel
fire rating class	class A

Maximum ratings

oprating 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	20 A
number of diodes	3

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

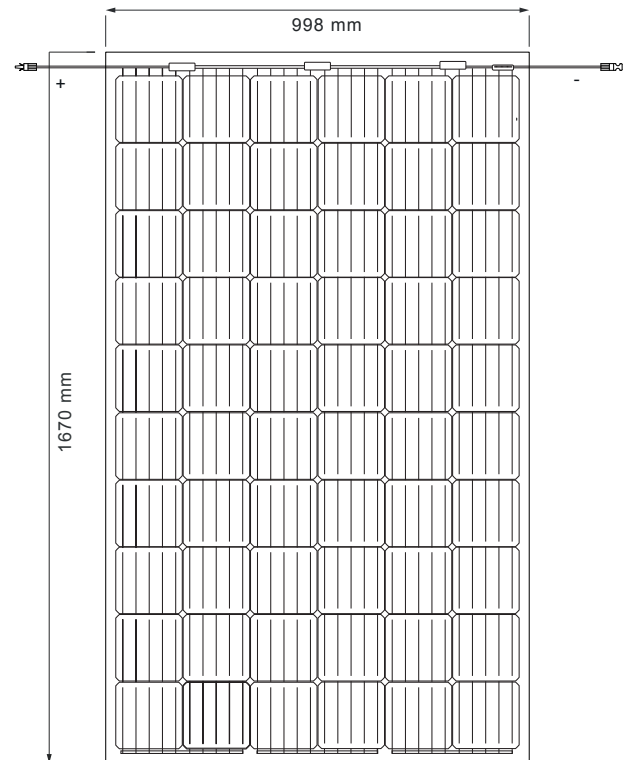
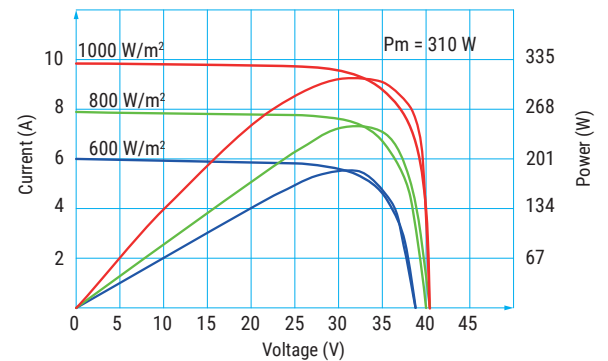
Packaging

module dimensions (mm)	1670 x 998 x 6
weight	23 kg
pallet dimensions (mm)	
container	40' HQ
pieces per pallet	
pallets per containeur	
nombbre modules par container	
gross weight per pallet	
gross weight per container	

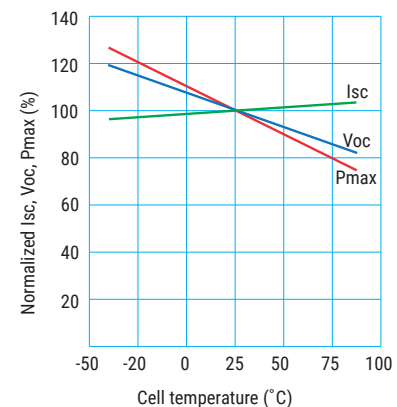
The final dimensions and weights of modules and packaging will be established when an order is placed.

No rights can be derived from the data on this sheet.

Current-voltage & Power-voltage curve (310W)



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



DMEGC

S O L A R