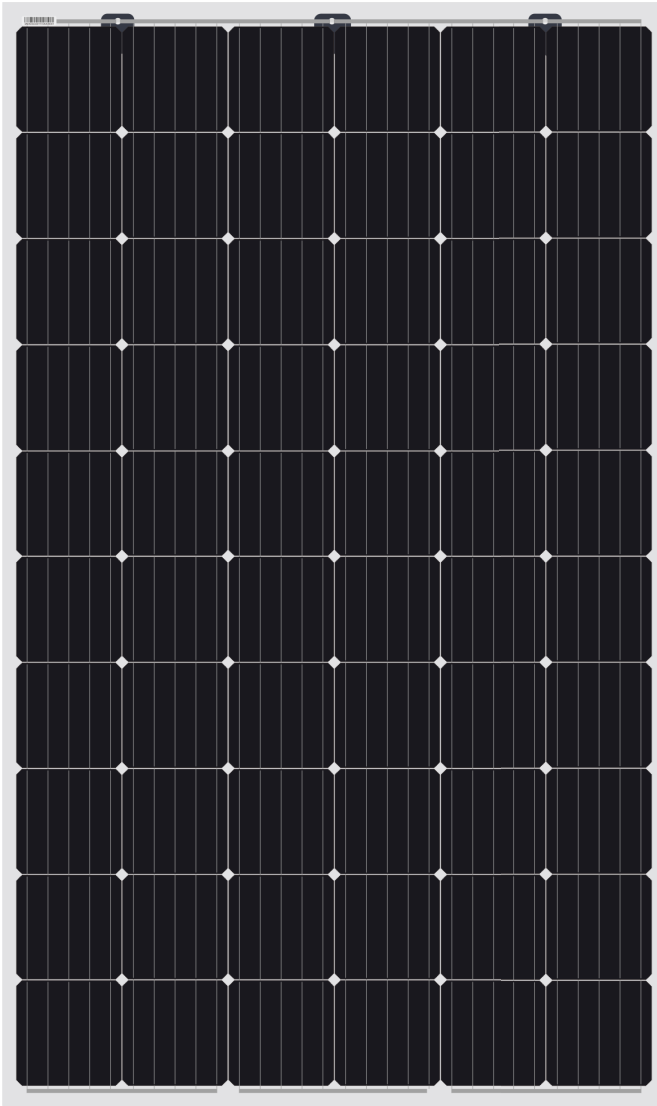


DMG315B6-60XT

305 | 310 | 315 Wp

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



VOLTAGE RESISTANCE

The module can withstand 1500 V system voltage



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



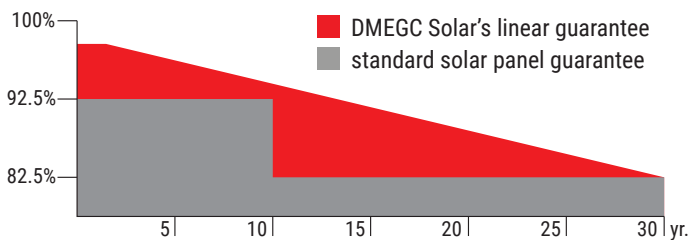
QUALITY

Manufacturing according to international quality and environmental management systems



EL TEST

Three times 100% EL Test during production



WARRANTY

- 30 years warranty of 82.5% power output
- 10 years warranty of 92.5% power output
- 12 years manufacturers warranty



Electrical specifications

Module type	Pm (W)	Pm + 10%*	Pm + 20%*	Pm + 30%*	Tolerance	Imp (A)	Vmp (V)	Isc (A)	Voc (V)	Efficiency
DMG305B6-60XT	305	335.5	341	346.5	0 / +3 %	9.21	33.13	9.99	39.90	18.18 %
DMG310B6-60XT	310	366	372	378	0 / +3 %	9.30	33.34	10.09	40.10	18.48 %
DMG315B6-60XT	315	396.5	403	409.5	0 / +3 %	9.40	33.53	10.19	40.30	18.78 %

*) Example of power increase due to BiFacial gain

Mechanical data

cell type	DMBD5B158-223
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	IP68
cables	300 / 1000 mm 4 mm ²
connector type	MC4 Compatible
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 Isc	+ 0.060 % / °C
temperature coefficient of Voc	- 0.300 % / °C
temperature coefficient of Pmax	- 0.390 % / °C

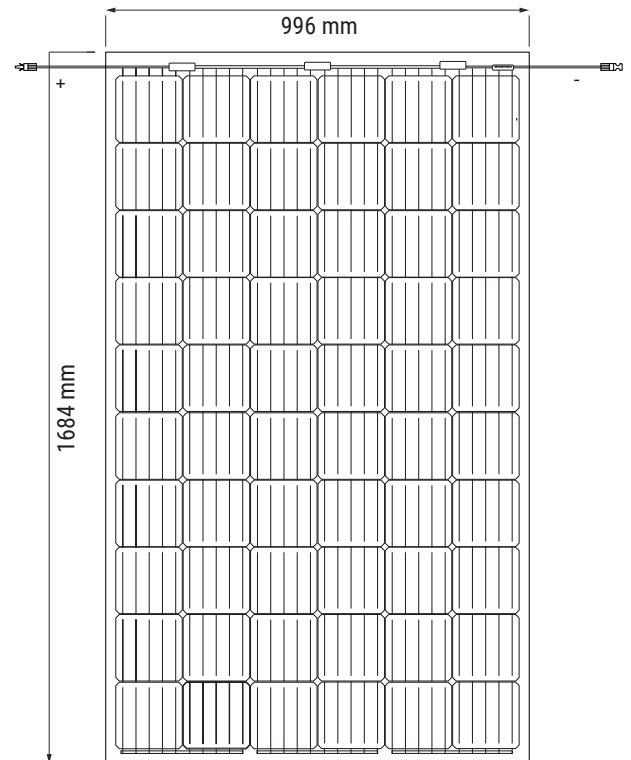
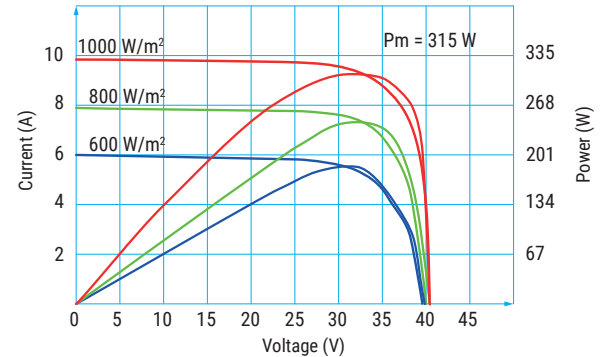
Packaging

module dimensions (mm)	1684 x 996 x 6
weight	22.7 kg
pallet dimensions (mm)	1795 x 1140 x 1175
container	40' HQ
pieces per pallet	33
pallets per containeur	26
nombbre modules par container	858
gross weight per pallet	840 kg
gross weight per container	22490 kg

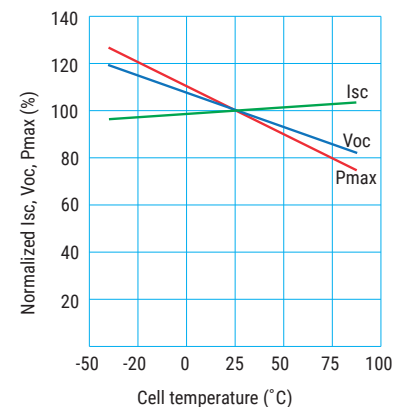
The final dimensions and weights of modules and packaging will be established when an order is placed.

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

Current-voltage & Power-voltage curve



Temperature dependence of Isc, Voc, Pmax



DMEGC