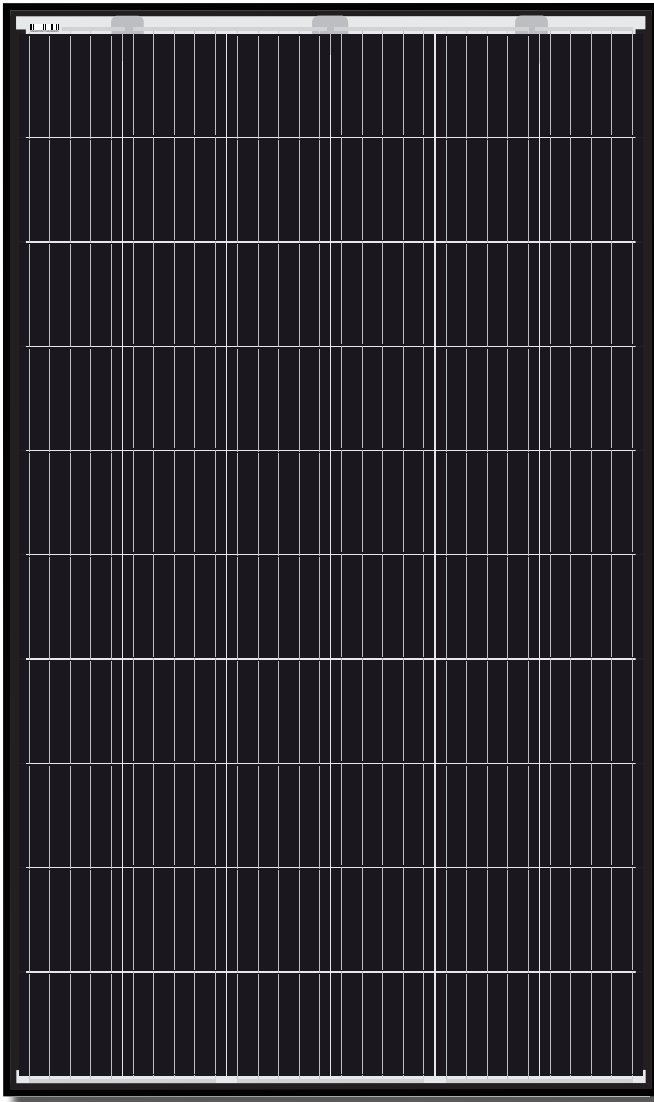


DMG315M6-60BT

305 | 310 | 315 Wp

Double glass, monocrystalline cells, transparent backsheet, black frame



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



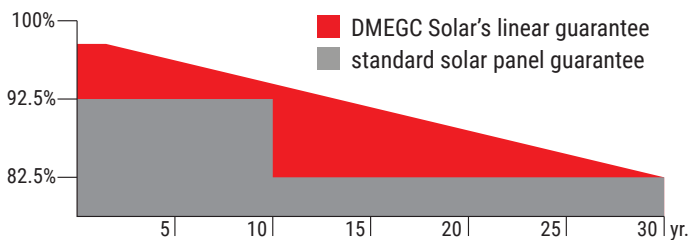
QUALITY

Manufacturing according to international quality and environmental management systems



EL TEST

Three times 100% EL Test during production



WARRANTY

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



Electrical specifications

Module	P _m (W)	Tolérance	I _{mp} (A)	V _{mp} (V)	I _{sc} (A)	V _{oc} (V)	Efficiency
DMG305M6-60BT	305	0 / +3 %	9.19	33.21	9.78	40.48	18.14 %
DMG310M6-60BT	310	0 / +3 %	9.29	33.40	9.85	40.62	18.44 %
DMG315M6-60BT	315	0 / +3 %	9.38	33.61	9.92	40.76	18.74 %

Mechanical data

cell type	DMPD5B158-223
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

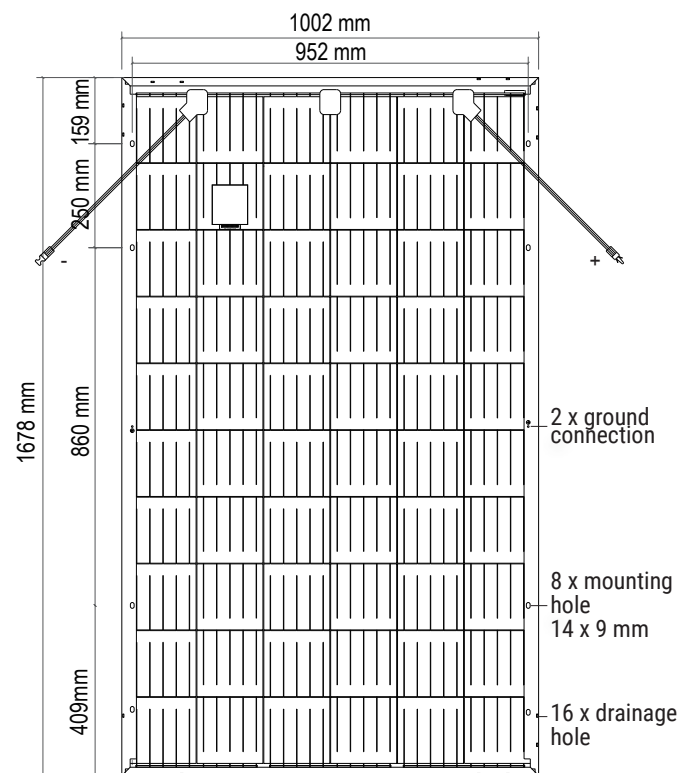
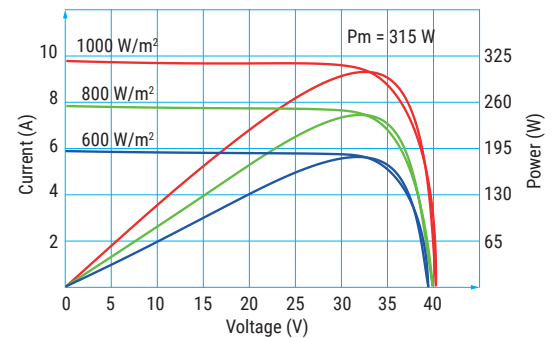
nominal operating temperature	45 °C +/- 2 °C (NOCT)
temperature coefficient of I _{sc}	+ 0.060 % / °C
temperature coefficient of V _{oc}	- 0.300 % / °C
temperature coefficient of P _{max}	- 0.390 % / °C

Packaging

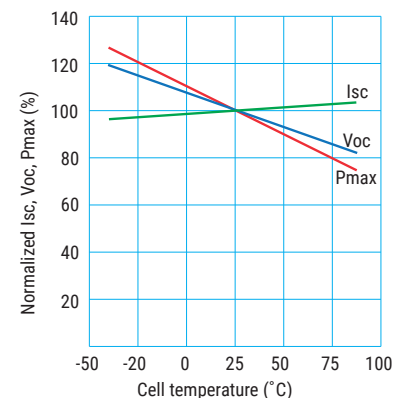
module dimensions (mm)	1678 x 1002 x 35
weight	25.4 kg
pallet dimensions (mm)	1730 x 1130 x 1140
container	40' HQ
pieces per pallet	31
pallets per container	26
pieces per container	806
gross weight per pallet	830 kg
gross weight per container	21580 kg

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 curve



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



DMEGC