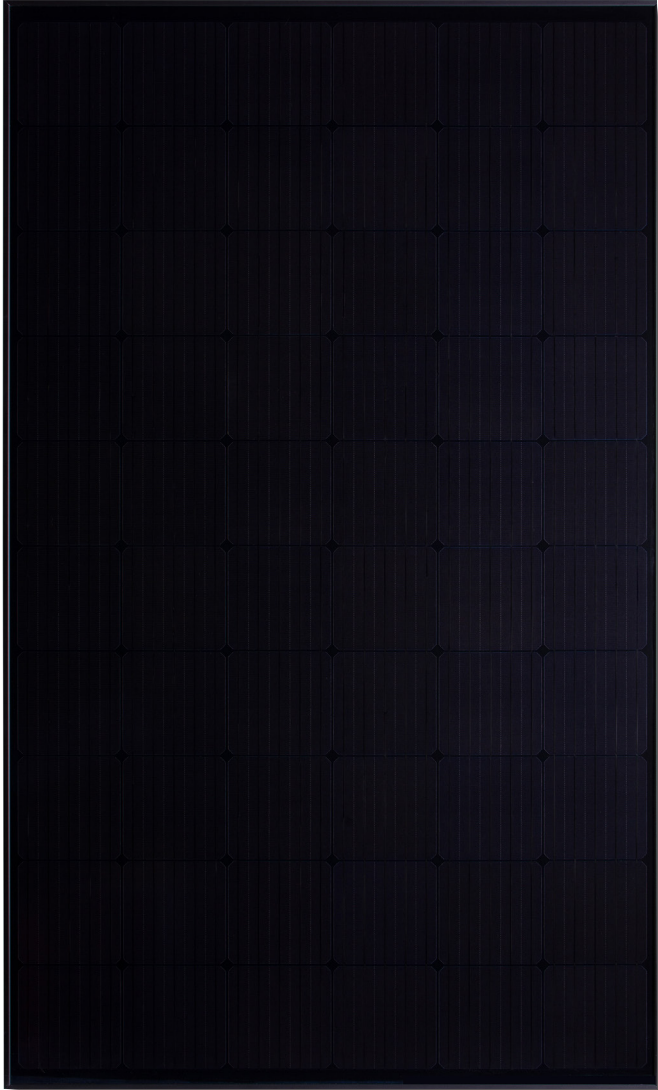


DM310-M158-60UB

300 | 305 | 310 Wp

ULTRA BLACK; monocrystalline cells; black backsheet; anodised black 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



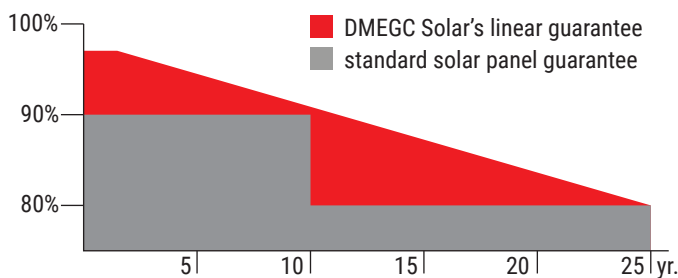
PID FREE

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



Electrical specifications

Module	Pm (W)	Tolerance	I _{mp} (A)	V _{mp} (V)	I _{sc} (A)	V _{oc} (V)	Efficiency
DM300-M158-60UB	300	0 / +3 %	9.09	33.01	9.71	40.34	17.98 %
DM305-M158-60UB	305	0 / +3 %	9.19	33.21	9.78	40.48	18.28 %
DM310-M158-60UB	310	0 / +3 %	9.29	33.40	9.85	40.62	18.58 %

Mechanical data

cell type	DMPD5B158-223
cell arangement	6 x 10
module structure	glass / EVA / backsheet
glass thickness	3.2 mm
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 C

Maximum ratings

operating temperature	-40 °C to +85 °C
maximum snow load capacity	5400 Pa
maximum wind load capacity	2400 Pa
maximum system voltage	1000V DC (IEC)
maximum series fuse rating	15 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

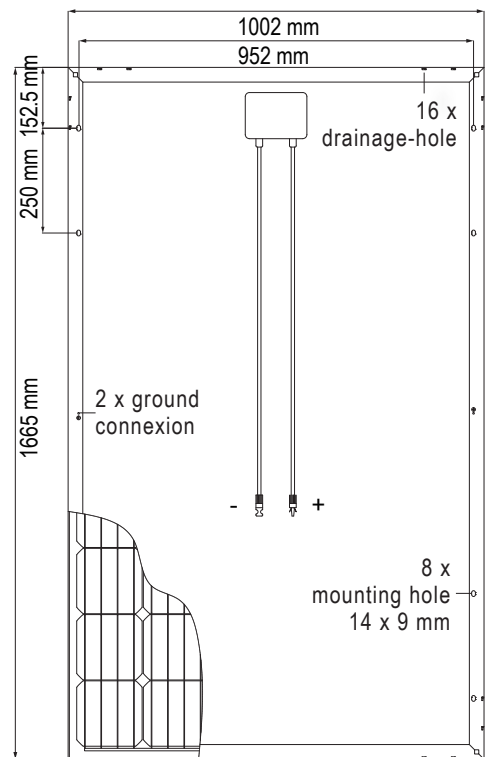
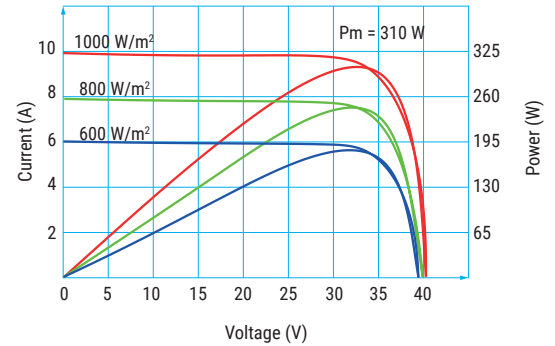
Packaging

module dimensions (mm)	1658 x 1002 x 35
weight	18.6 kg
pallet dimensions (mm)	1715 x 1130 x 1140
container	40' HQ
pieces per pallet	31
pallets per container	28
pieces per container	868
gross weight per pallet	620 kg
gross weight per container	17360 kg

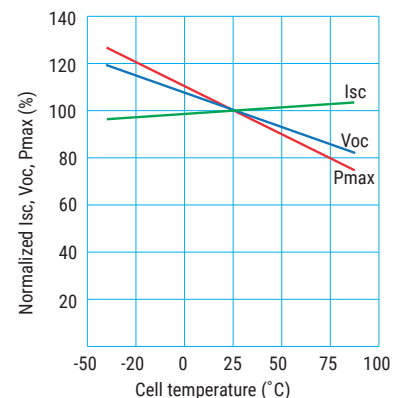
The final dimensions and weights of modules and packaging will be established when an order is placed.

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

Current-voltage & Power-voltage curve



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



DMEGC