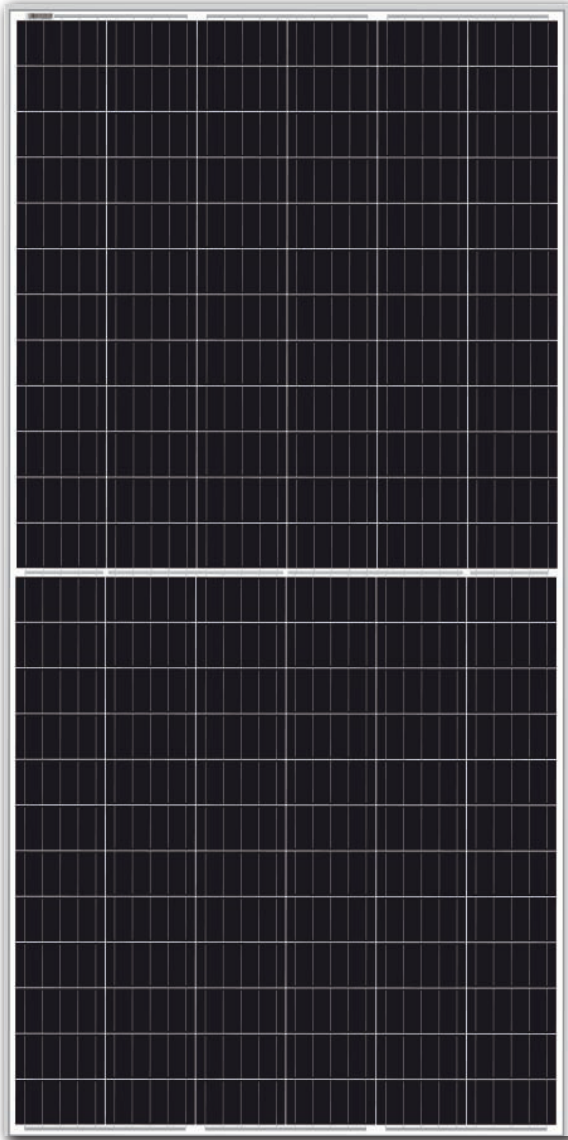


DM410G1-72HSW

400 | 405 | 410 Wp

half cut monocrystalline cells, white backsheet, anodised 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



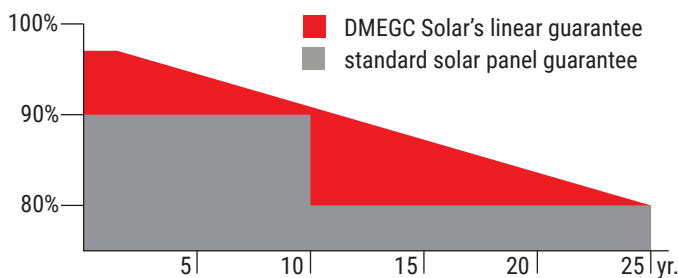
HALF CELL TECHNOLOGY

Reduces power loss



EL TEST

Two times 100% EL Test during production



WARRANTY

- 25 years warranty of 80.2% power output
- 12 years manufacturers warranty



Electrical specifications

Module	P _m (W)	Tolerance	I _{mp} (A)	V _{mp} (V)	I _{sc} (A)	V _{oc} (V)	Efficiency
DM400G1-72HSW	400	0 - 3 %	9.86	40.62	10.27	49.82	19.88 %
DM405G1-72HSW	405	0 - 3 %	9.94	40.79	10.35	49.99	20.13 %
DM410G1-72HSW	410	0 - 3 %	10.02	40.97	10.43	50.16	20.38 %

Mechanical data

cell type	DMPD5B159-223 (½)
cell arrangement	6 x 24
module structure	glass / EVA / cells / EVA / backsheet
glass thickness	3.2 mm
application class	Class A at IEC 61730
junction box rating	IP67/IP68
cables	1000 mm / 4 mm ²
conector type	MC4 /MC4 Compatible
fire class rating	C

Maximum ratings

operational temperature	-40 °C to +85 °C
max. snow load	5400 Pa
max. wind load	2400 Pa
max. system voltage	1000 / 1500V DC (IEC)
max. series fuse rating	20 A
diodes	3

Temperature characteristics

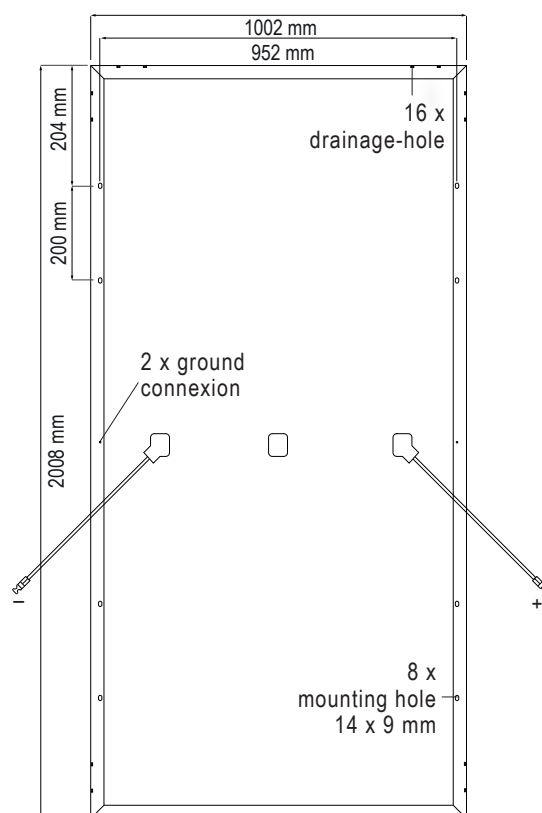
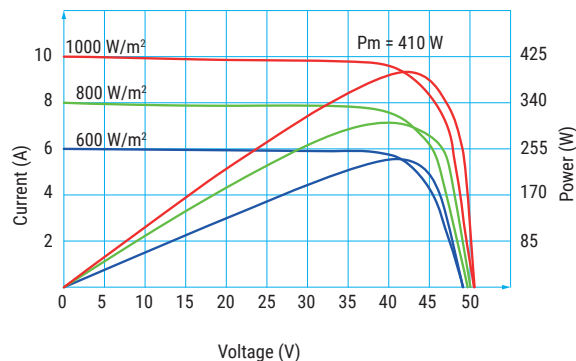
nominal operating temperature	42 °C ± 3 °C (NMOT)
temperature coefficient of I _{sc}	+ 0.038 % / °C
temperature coefficient of V _{oc}	- 0.270 % / °C
temperature coefficient of P _{max}	- 0.365 % / °C

Packaging

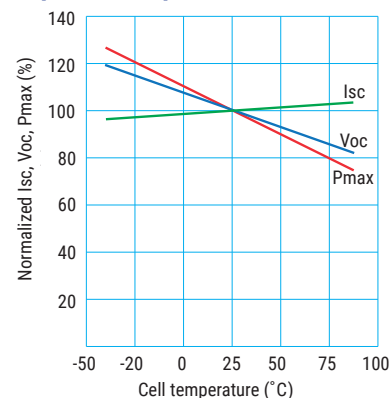
module dimensions	2008 x 1002 x 40
weight	23.1 kg
pallet dimensions	2060 x 1130 x 1140
container	40' HQ
pieces per pallet	27
pallets per container	22
modules per container	594
gross weight per pallet	665 kg
gross weight per container	14630 kg

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 curves



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



DMEGC