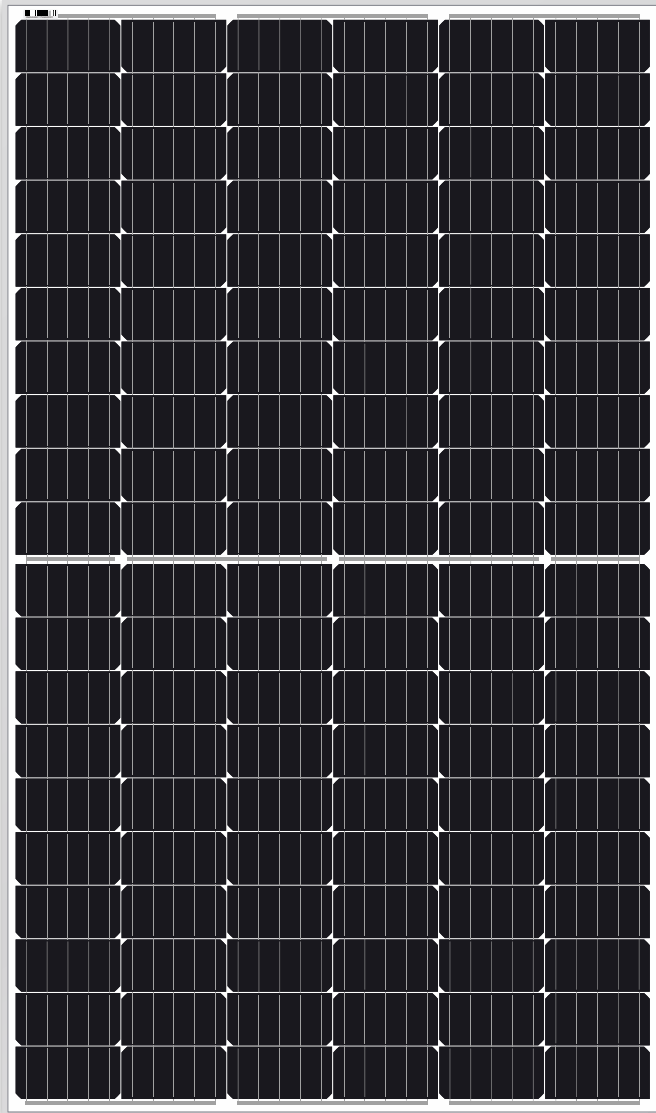


DMH320M6-120SW

310 | 315 | 320 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



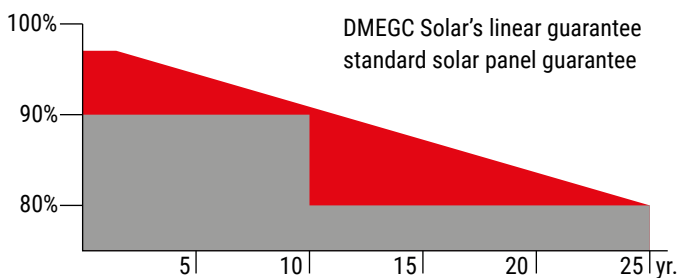
PID FREE

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 | P _m (W) | Tolerance | I _{mp} (A) | V _{mp} (V) | I _{sc} (A) | V _{oc} (V) | Efficiency |
|----------------|--------------------|-----------|---------------------|---------------------|---------------------|---------------------|------------|
| DMH310M6-120SW | 310 | 0 / +3 % | 9.21 | 33.69 | 9.63 | 40.53 | 18.66 % |
| DMH315M6-120SW | 315 | 0 / +3 % | 9.27 | 34.02 | 9.70 | 40.73 | 18.96 % |
| DMH320M6-120SW | 320 | 0 / +3 % | 9.34 | 34.32 | 9.76 | 40.96 | 19.26 % |

Mechanical data

| | |
|---------------------|---------------------------------------|
| cell type | DMPD5B157-210 (1/2) |
| cell arrangement | 6 x 20 |
| module structure | glass / EVA / cells / EVA / backsheet |
| glass thickness | 3.2 mm |
| application class | Class A at IEC 61730 |
| junction box rating | IP68 |
| cables | 1000 mm / 4 mm ² |
| conector type | MC4 Compatible |
| fire class rating | class C |

Maximum ratings

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

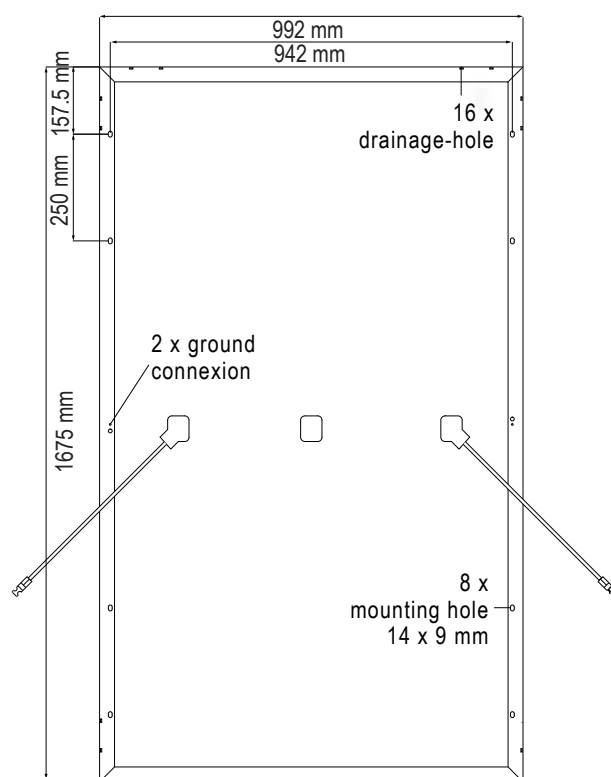
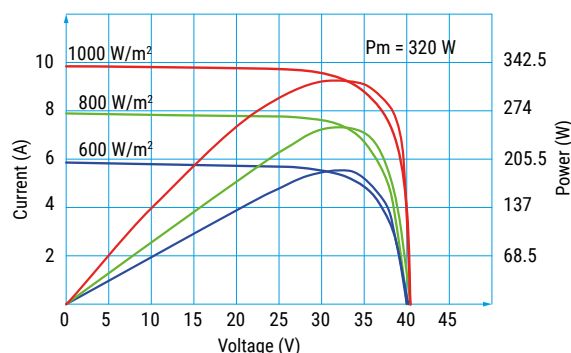
Temperature characteristics

| | |
|---|-----------------------|
| nominal operating cell temperature | 45 °C +/- 2 °C (NOCT) |
| temperature coefficient of I _{sc} | + 0.057 % / °C |
| temperature coefficient of V _{oc} | - 0.308 % / °C |
| temperature coefficient of P _{max} | - 0.406 % / °C |

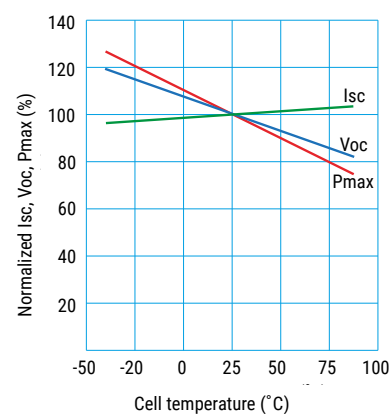
Packaging

| | | |
|----------------------------|--------------------|--------------------|
| module dimensions | 1675 x 992 x 40 | 1675 x 992 x 35 |
| weight | 19.3 kg | 18.5 kg |
| pallet dimensions | 1725 x 1130 x 1130 | 1725 x 1130 x 1130 |
| container | 40' HQ | 40' HQ |
| pieces per pallet | 27 | 31 |
| pallets per container | 26 | 26 |
| modules per container | 702 | 806 |
| gross weight per pallet | 555 kg | 610 |
| gross weight per container | 14430 kg | 15860 kg |

Current - voltage & power voltage curves



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



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.

DMEGC

S O L A R