



GW-BD16/72-Max	365~380W
Mono crystalline Module	Power Output Range

19.1%	0~+5W
Maximum Efficiency	Power Tolerance

Product Specifications Book



PID free module

Anti-PID cell technology

Anti-PID encapsulation technology



UL 1703, IEC 61215, IEC 61730 and CE

ISO 9001 for Quality Management Systems

ISO 14001 for Environmental Management Systems

ISO 18001 occupational Health and Safety System



Lower annual power degradation and current sorting reduces the mismatch power loss in system operation



Improve safety

1500VDC (CSA) / 1500VDC (TUV) certified

2 EL inspections per cell/module for defect-free



Load certificates: wind to 2400Pa and snow to 5400Pa

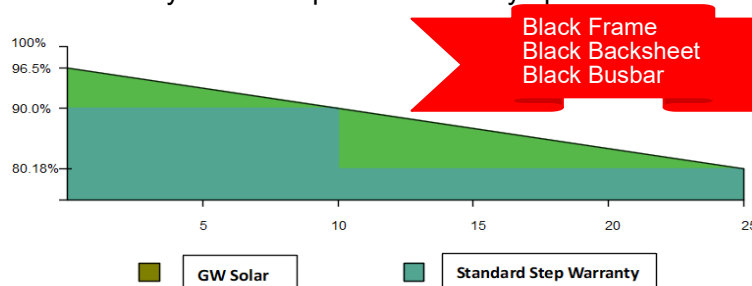
Munich RE 

 MARSH



LINEAR PERFORMANCE WARRANTY

15 years extra product warranty option



Munich RE Insurance Global Coverage

Electrical Specifications (standard test conditions)

Maximum Power -Pmax (W)	365	370	375	380
Power Tolerance -Pmax W)	0 ~ +5			
Operating voltage-Vmpp (V)	39.2	39.6	39.9	40.3
Operating current) -Impp (A)	9.30	9.36	9.39	9.44
Open circuit voltage -Voc (V)	46.2	46.7	46.9	47.0
Short circuit current -Isc (A)	9.89	9.90	9.91	9.98
Module Efficiency - η_m (%)	18.3	18.6	18.8	19.1
Standard test conditions under Measured Value:(air quality AM1.5, Irradiance 1000W / m ² , cell temperature 25 ° C)				

Electrical Index (under nominal operating cell temperature conditions)

Maximum Power-PMAX (W)	272	276	280	284
Operating voltage -Vmpp (V)	36.4	36.8	37.2	37.6
Operating current) -Impp (A)	7.47	7.50	7.53	7.55
Open circuit voltage -Voc (V)	44.6	44.9	45.2	45.5
Short circuit current -Isc (A)	7.89	7.94	7.99	8.04
NOCT: Irradiance 800W / m ² , ambient temperature of 20 ° C, wind speed 1m / s				

Temperature Rating

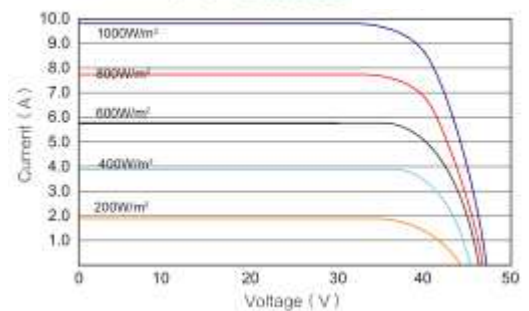
Limit parameter

NOCT	44°C (±2°C)	Working Temp	-40~+85°C
Coefficient Pmax	- 0.39%/°C	Maximum Series	15A
Coefficient Voc	- 0.29%/°C	Maximum system	1500VDC (TUV)
Coefficient Isc	0.05%/°C	Maximum system	1500VDC (CSA)

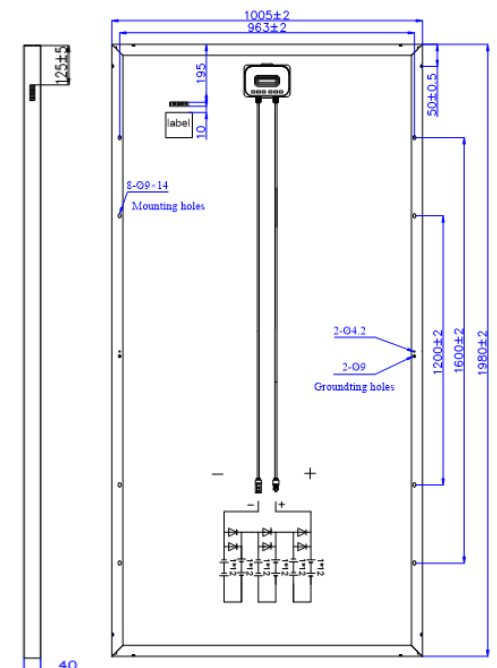
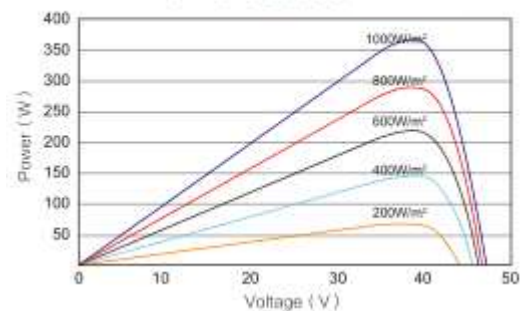
Mechanical Specifications

Solar cell Type	158.75mm × 158.75mm Mono-crystalline
Number of Cells	1 module 72pieces (6 × 12)
Dimensions	1980*1005*40mm (77.95*39.57*1.57 inch)
Weight	23.5 kg
Glass	3.2mm High transparency, coatings toughened glass
Junction Box	Protection level IP 68
Cable	4.0 mm ² Photovoltaic dedicated cables, 1000mm
Connector	MC4 compatible
Frame	Black anodized aluminum
Backsheet	Black

I-V Curves



P-V Curves



Warranty

10-year warranty for product
25-year warranty for linear power

Packaging Method

Modules per box: 26 pcs
Modules per 40 ft container: 624 pcs