








GW-BD16/60	280~305W
Mono PERC Module	Power Output Range

18.8%	0~+5W
Maximum Efficiency	Power Tolerance

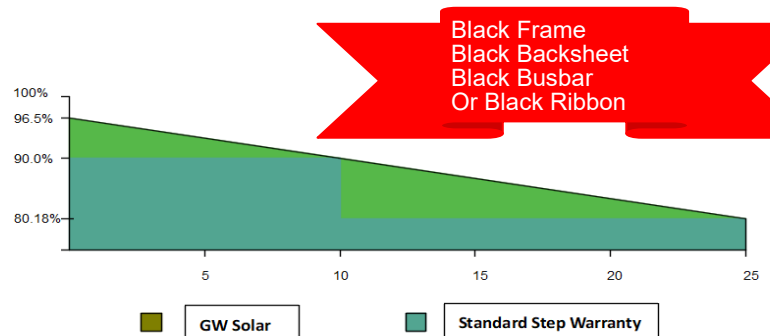
Product Specifications Book

- we set up 4 pieces of the plastic corners in order to avoid the scoring the skin or hands when installation the solar modules from the rooftop or ground mounted.
- Heavy snow load up to 6000 Pa, wind load up to 4000 Pa. Can be used in heavy snow or strong typhoon areas.p
- Use MC4 original connector. Better connectivity.

-  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 4000Pa and snow to 6000Pa



LINEAR PERFORMANCE WARRANTY



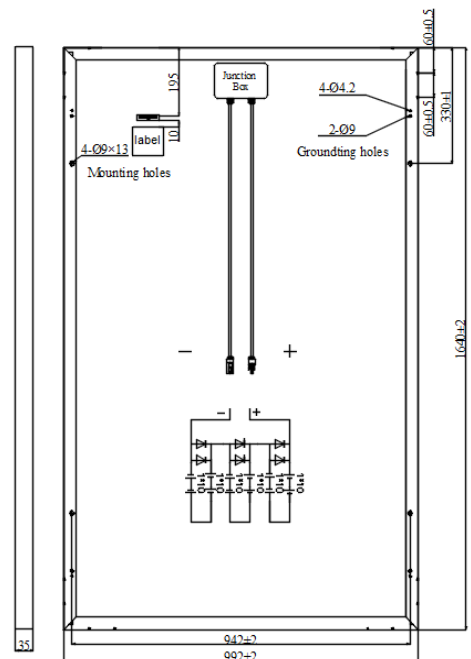
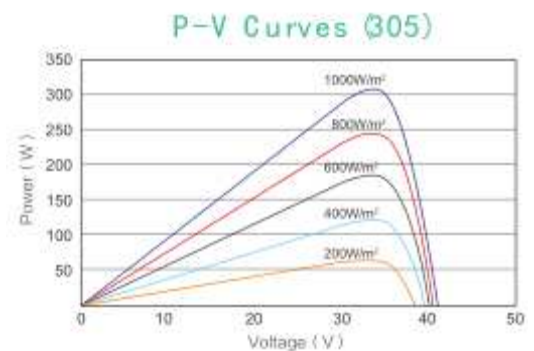
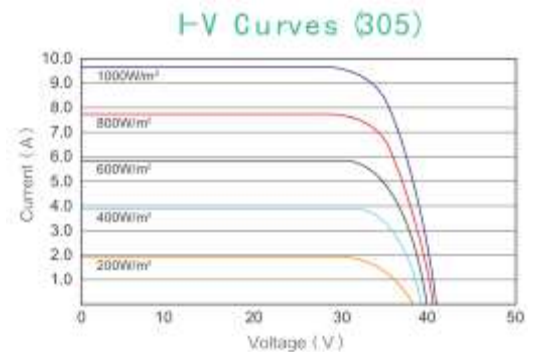
Munich RE Insurance Global Coverage

Electrical Specifications (standard test conditions)						
Maximum Power -Pmax (W)	280	285	290	295	300	305
Power Tolerance -Pmax W)	0 ~ +5					
Operating voltage-Vmpp (V)	31.7	31.8	32.2	32.5	32.6	32.9
Operating current) -Impp (A)	8.84	8.97	9.01	9.08	9.19	9.28
Open circuit voltage -Voc (V)	38.4	38.5	38.9	39.6	39.8	40.0
Short circuit current -Isc (A)	9.42	9.51	9.66	9.68	9.77	9.85
Module Efficiency - η m (%)	17.2	17.5	17.8	18.1	18.4	18.8
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)	209	212	216	220	223	227
Operating voltage -Vmpp (V)	29.4	29.5	29.9	30.1	30.2	30.5
Operating current) -Impp (A)	7.10	7.21	7.24	7.30	7.38	7.46
Open circuit voltage -Voc (V)	35.7	35.8	36.2	36.8	37.0	37.2
Short circuit current -Isc (A)	7.61	7.68	7.80	7.82	7.89	7.95
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	156.75mm × 156.75mm Mono-crystalline
Number of Cells	1 module 60pieces (6 × 10)
Dimensions	1640*992*35 mm (64.57*39.06*1.38 inch)
Weight	18.6 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 original connector
Frame	Black anodized aluminum
Backsheet	Black



Warranty

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

Packaging Method

Modules per box: 30 pcs
 Modules per 40 ft container: 840 pcs