

Green World Energy
650W/655W/660W/665W/670W
GW 66M-H2
MBB-HALF CELL MONO PV MODULE
210 MM CELLS



QUALITY MAKER

COMPREHENSIVE CERTIFICATES

IEC61215 / IEC61730 / IEC61701 / IEC62716 / IEC62804
 ISO 9001: 2015 Quality management systems;
 ISO 14001: 2015 Environmental management systems;
 OHSAS 18001: 2007 Occupational health and safety management systems;

KEY SALIENT FEATURES



High output power



Better power generation under shadows



Strong anti-hot spot ability



Strong mechanical load capacity



Super strong frame



1500V system voltage

GREEN WORLD WORKS LLC

Founded in 2013, Green World is a manufacturer of high-performance photovoltaic products; the company's business covers modules, photovoltaic power stations and EPC. Green World used extensively in ground mounted power plants, commercial & industrial rooftop PV systems and residential rooftop PV systems

QUALIFICATIONS AND CERTIFICATES



LINEAR PERFORMANCE WARRANTY

- 12 Years Manufacturing Warranty
- 12 Years 90% Power Output
- 25 Years 80% Power Output

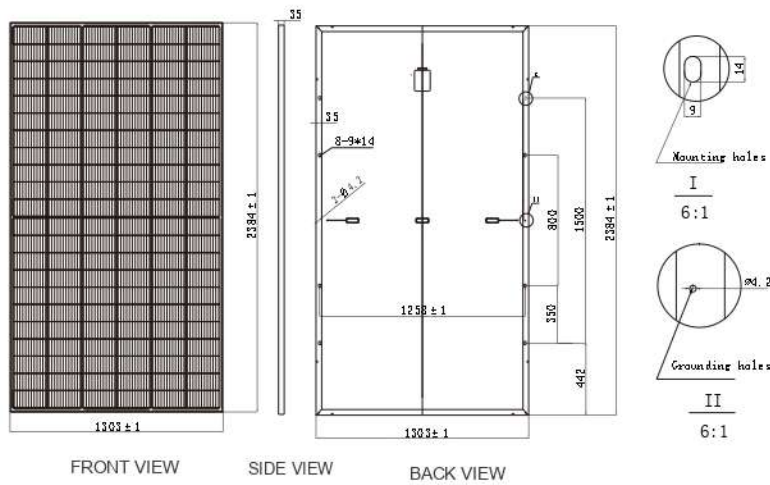


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GW 66M-H2

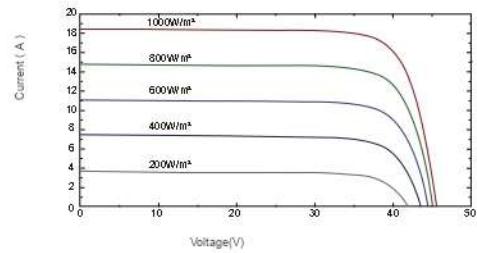
QUALITY MAKER

MECHANICAL DRAWINGS

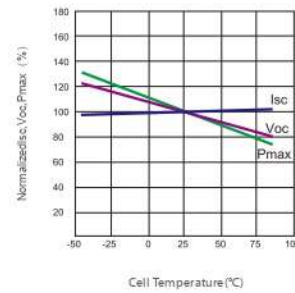


I - V CURVES

I-V Curves at GW660-66M-H2 at different Irradiances
Cell Temp : 25°C



Power voltage current curve at different temperature



MECHANICAL SPECIFICATION

Cell Type	Mono Crystalline 210x105mm
Number Of Cells	132 (6x22)
Dimensions(AxBxC)	2384x1303x35mm
Weights	34.5kg
Glass	3.2mm Tempered Low Iron Glass
Aluminium Frame	Anodised Aluminium
Junction Box	Split Junction Box (IP68 ,three diode)
Connector	Mc4 Compatible
Output Cables	4.0mm²,+300mm,-300mm Customized Length

PACKING CONFIGURATION

Container	40' HQ
Pieces Per Pallet	30
Pallets Per Container	16
Pieces Per Container	480

ELECTRICAL CHARACTERISTICS

Module Type	650W		655W		660W		665W		670W	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power At STC(Pmax)	650W	492.7W	655W	496.5W	660W	500.2W	665W	504.0W	670W	507.8W
Short Circuit Current(Isc)	18.35A	14.83A	18.39A	14.86A	18.44A	14.90A	18.48A	14.93A	18.51A	14.96A
Open Circuit Voltage(Voc)	45.2V	42.3V	45.4V	42.5V	45.6V	42.7V	45.8V	42.9V	46.0V	43.1V
Maximum Power Current(Imp)	17.34A	14.05A	17.38A	14.08A	17.42A	14.12A	17.46A	14.15A	17.50A	14.18A
Maximum Power Voltage(Vmpp)	37.5V	35.1V	37.7V	35.2V	37.9V	35.4V	38.1V	35.6V	38.3V	35.8V
Module Efficiency	20.92%		21.09%		21.25%		21.41%		21.57%	
Power Tolerance	0~+5W		0~+5W		0~+5W		0~+5W		0~+5W	
Maximum System Voltage	VDC 1500V									
Maximum Series Fuse	30A									
Increased Snowload Acc.to Iec 61215	5400Pa									
Operating Temperature	-40~+85°C									
Number Of Bypass Diodes	3									
Nominal Operating Cell Temperature(Noct)	45°C±2°C									
Temperature Coefficient Of Pmax	-0.35%/°C									
Temperature Coefficient Of Voc	-0.27%/°C									
Temperature Coefficient Of Isc	0.05%/°C									

STC: 1000W/m2 irradiance, 25°C cell temperature, AM1.5. NOCT: Irradiance at 800W/m², Ambient Temperature 20°C, wind speed 1m/s.



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