

KEY FEATURES


-  Excellent performance in low-light environments
-  High quality junction box and connector systems
-  100% inspection, to guarantee the reliability of solar systems
-  Lower temperature
-  Anti PID
-  Enhanced safety by excellent fire resistance
-  Perfect for sandy, snowy and high latitude regions
-  Lower operating temperature, more reliable
-  Cutcell, Less internal power loss, Less mismatch loss

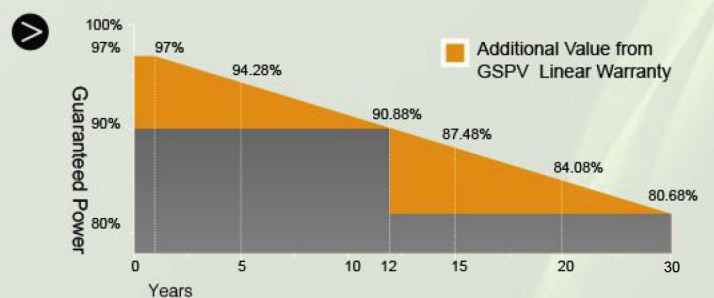
GSPV-M6/120H-360W-380W 360~380 Watt

➤ 166mm 120 Cells PV Solar Module

BLACK *BLACK FRAME/BLACK BACK-SHEET PRODUCTS ARE AVAILABLE UPON REQUEST

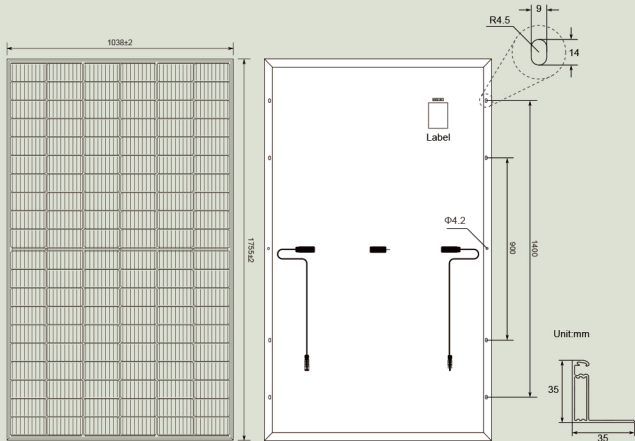
➤

12 Years Material & Craft Quality assurance	12 Years 90% Output Power guarantee	30 Years 80% Output Power guarantee	
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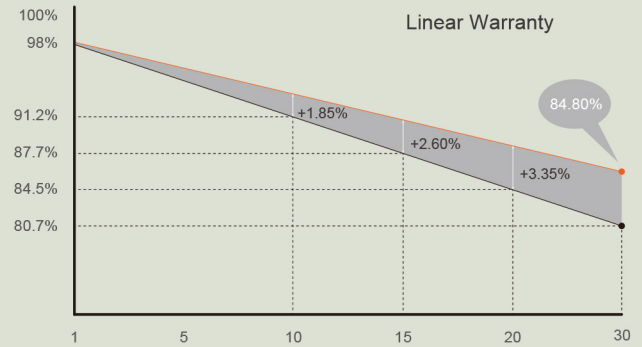


IEC61215
IEC61730
UL61215
UL61730





All Dimensions in mm
The above drawing is a graphical representation of the product.
For engineering quality drawings please contact GSPV.



12 Years
Material & Craft
Quality assurance

12 Years
90% Output
Power guarantee

30 Years
80% Output
Power guarantee

Electrical Characteristics (STC/NOCT)

Module Type	GSPV-M6/120H-360W		GSPV-M6/120H-365W		GSPV-M6/120H-370W		GSPV-M6/120H-375W		GSPV-M6/120H-380W	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power- Pmax(W)	360	268.8	365	272.6	370	276.3	375	280.0	380	283.8
Open Circuit Voltage - Voc(V)	40.5	38.0	40.7	38.2	40.9	38.3	41.1	38.5	41.3	38.7
Short- Circuit Current - Isc(A)	11.35	9.17	11.43	9.25	11.52	9.32	11.60	9.38	11.69	9.45
Voltage at Pmax -Vmp(V)	34.0	31.7	34.2	31.8	34.4	32.0	34.6	32.2	34.8	32.4
Current at Pmax - Imp(A)	10.59	8.49	10.68	8.56	10.76	8.63	10.84	8.69	10.92	8.76
Module Efficiency -ηm(%)	19.8	/	20.0	/	20.3	/	20.6	/	20.9	/
Power Tolerance(W)	(0, +4.99W)									
Maximum System Voltage(V)	1500Vdc (IEC / UL)									
Maximum Series Fuse Rating (A)	25A									

STC : Irradiance 1000W/m², Cell Temperature 25°C, Air Mass 1.5

NOCT : Irradiance 800W/m², Ambient Temperature 20°C, Air Mass 1.5, Wind Speed 1m/s

Mechanical Specifications

External Dimensions	1755x1038x35mm
Weight	19.5kg
Solar Cells	Mono crystalline 166mm (2x60pcs)
Front Glass	AR Coated 3.2 mm tempered glass
Frame	Anodized aluminum alloy
Junction Box	IP68
Output Cables	4.0mm ² , 50cm (+), 50cm (-), length can be customized
Connector	MC4 Compatible
Mechanical Load	Front Side Max. 5400Pa, Rear Side Max. 2400Pa

Temperature Characteristics

Pmax Temperature Coefficient	-0.350%/°C
Voc Temperature Coefficient	-0.275%/°C
Isc Temperature Coefficient	+0.045%/°C
Operating Temperature	-40 ~ +85°C
Nominal Operating Cell Temperature(NOCT)	45±2°C

Packing Configuration

	1755x1038x35mm	
Container	20'GP	40'HQ
Pieces per Pallet	36	33
Pallets per Container	6	26
Pieces per Container	216	858

Current-Voltage & Power-Voltage Curves (380W)

