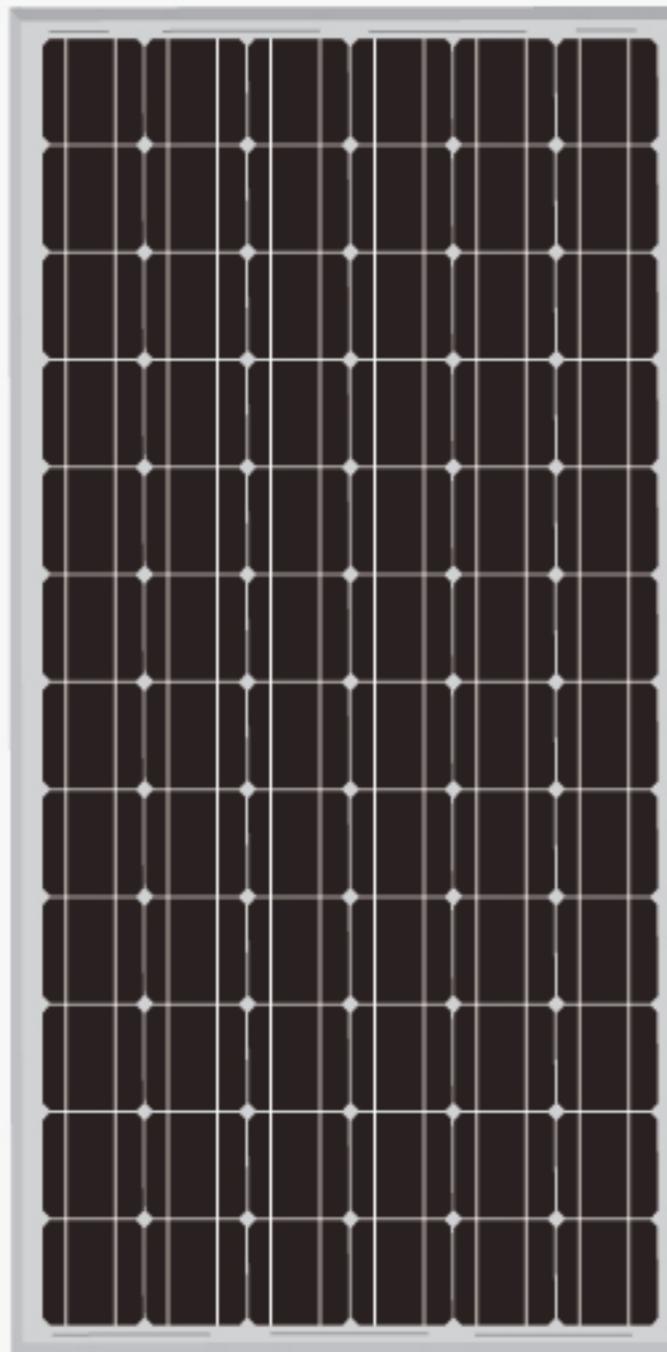


Photovoltaic Modules

72pcs 125*125mm mono-crystalline silicon cell

GPM200-A-72



Photovoltaic Modules

72pcs 125×125mm mono-crystalline silicon cell

The GPM200-A-72 series module consists of 72pcs 125×125mm mono-crystalline silicon solar cell which are in high efficiency, individually characterized and electronically matched before interconnection. Laminated with high quality toughened glass, EVA and TPT, characteristic operation of solar cells can be ensured under any climatic conditions.

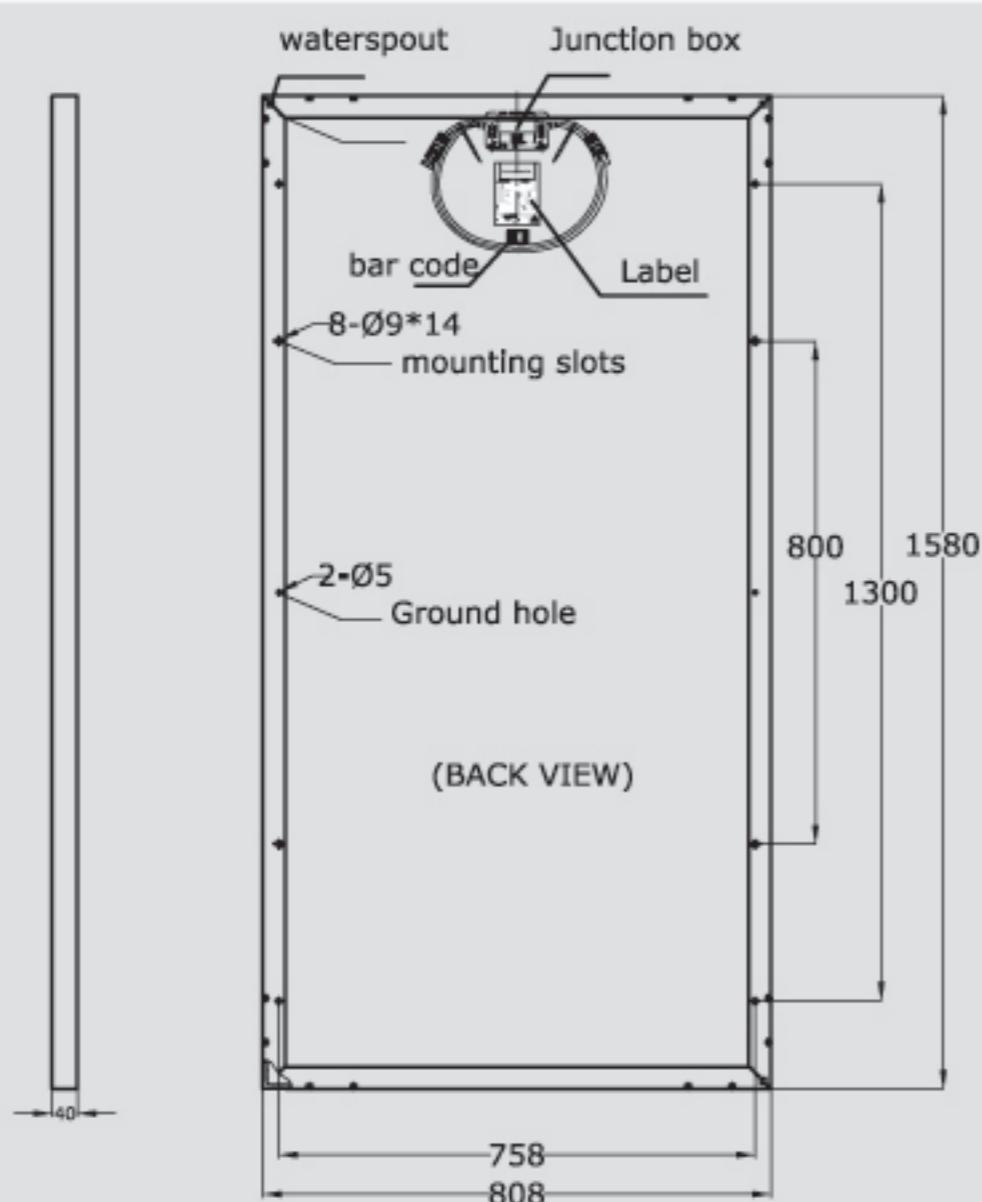
After assembled by anodized aluminum alloy frame and junction box with MC4 compatible connectors, the GPPV solar modules are designed for long service life, easy to install, withstand the storm, high wind and hail impact etc.

Module	GPM200-A-72														
Encapsulation	Glass/EVA/Cells/EVA/TPT														
Size and Number of cells	125mm×125mm 72/6×12pcs														
Maximum Power (Pmax)	W	170	175	180	185	190	195	200							
Power Tolerance	0/+3%														
Open Circuit Voltage (Voc)	V	44.4	44.6	44.8	44.8	44.8	45.0	45.2							
Short Circuit Current (Isoc)	A	5.41	5.43	5.48	5.51	5.62	5.76	5.89							
Maximum Power Voltage (VmP)	V	35.6	35.8	36.0	36.2	36.4	36.6	36.8							
Maximum Power Current (ImP)	A	4.77	4.88	5.00	5.11	5.20	5.33	5.44							
Max.syst. Oper. voltage	V	1000V													
Diodes	6 by-pass														
Dimension	mm	1580×808×40													
Weight	kg	15													
Operate Temp. scope	°C	-40/+85													
Relative humidity	0 to 100%														
Resistances	227g steel ball fall down from 1m height and 60m/s wind														
Warranty	Pm is not less than 90% in 10 years and 80% in 25 years														

Test condition: @ STC 1000W/m², AM1.5, 25°C

Photovoltaic Modules

72pcs 125×125mm mono-crystalline silicon cell



Module Diagram

Specifications

Cell	Mono-crystalline silicon solar cells 125mm×125mm
No. of cells and connections	72(6×12)
Dimension of module	1580mm×808mm×40mm

Temperature Coefficients

Nominal Operating Cell Temperature		45°C±2°C
Short-circuit current temperature coefficient	$\alpha(I_{sc})$	0.05%/°C
Open-circuit voltage temperature coefficient	$\beta(V_{oc})$	-0.32%/°C
Peak power temperature coefficient	$\gamma(P_{max})$	-0.43%/°C

above data is only for reference

Output

Cable	4.0mm ² (TUV)
Lengths	1100 mm
Connector	MC ₄ compatible

