

Photovoltaic Modules

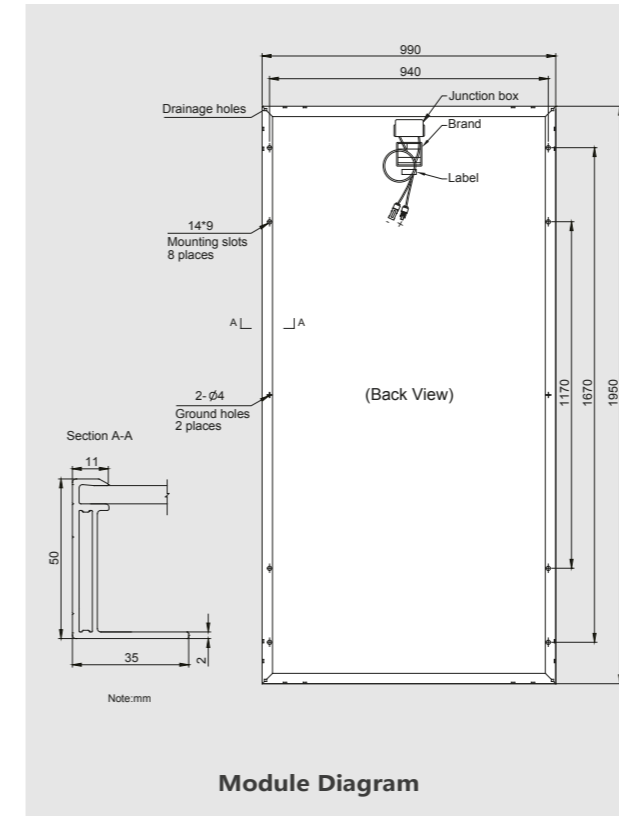
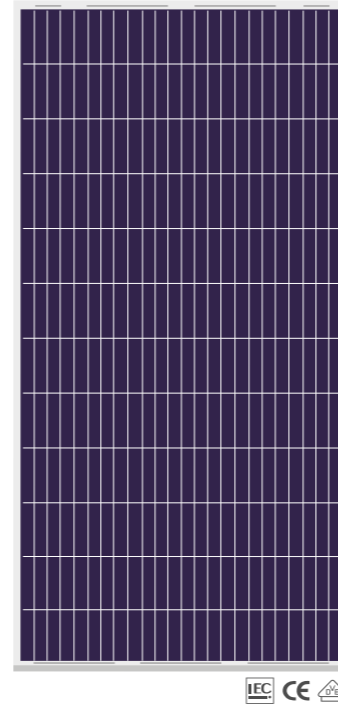
Photovoltaic modules 72pcs 156×156mm mono-crystalline silicon cell



YYM260P-B-72

The YYM260P series module consists of 72pcs 156×156mm poly-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 MC connectors, the yinyang solar modules are designed for long service life, easy to install, withstand the storm, high wind and hail impact etc.



Specifications

Cell	Poly-crystalline silicon solar cells 156mm×156mm
No. of cells and connections	72(6×12)
Dimension of module	1950mm×990mm×50mm

Temperature Coefficients

Nominal Operating Cell Temperature		46°C±2°C
Short-circuit current temperature coefficient	$\alpha(I_{sc})$	0.08%/°C
Open-circuit voltage temperature coefficient	$\beta(V_{oc})$	-0.32%/°C
Peak power temperature coefficient	$\gamma(P_{max})$	-0.38%/°C

above data is only for reference

Output

Cable	4.0mm ² (TUV)
Lengths	1100mm
Connecter	MC Type

Module	YYM260P-B-72									
Encapsulation	Glass/EVA/Cells/ EVA/TPT									
Size and Number of cells	156mm×156mm 72/6×12pcs									
Maximum Power (Pmax)	W	240	245	250	255	260	265	270	275	280
Power Tolerance		±3%								
Open Circuit Voltage (Voc)	V	43.6	43.6	43.8	43.8	44.0	44.3	44.5	44.6	44.8
Short Circuit Current (Isc)	A	7.65	7.78	7.87	7.98	8.09	8.15	8.2	8.28	8.33
Maximum Power Voltage (Vmp)	V	34.4	34.5	34.6	34.7	34.8	34.9	35.0	35.1	35.2
Maximum Power Current (Imp)	A	6.98	7.10	7.23	7.35	7.47	7.59	7.71	7.83	7.95
Max.syst. Oper. voltage	V	1000V								
Diodes		6 by-pass								
Dimension	mm	1950×990×50								
Weight	kg	24								
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

