



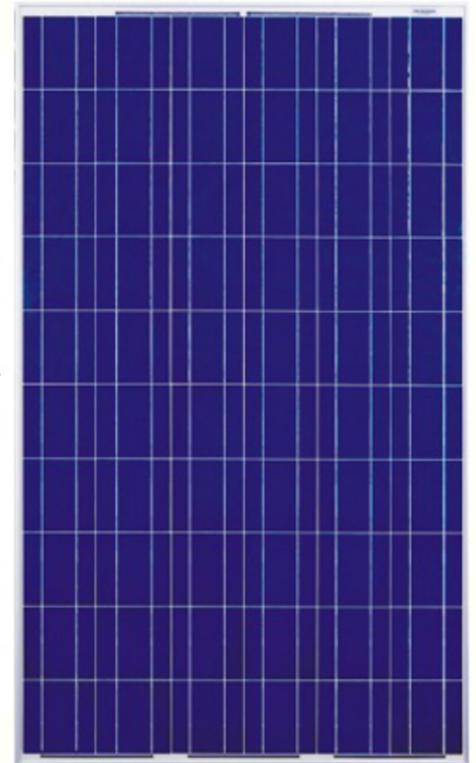
PHOTOVOLTAIC MODULES

JSTY220P-60

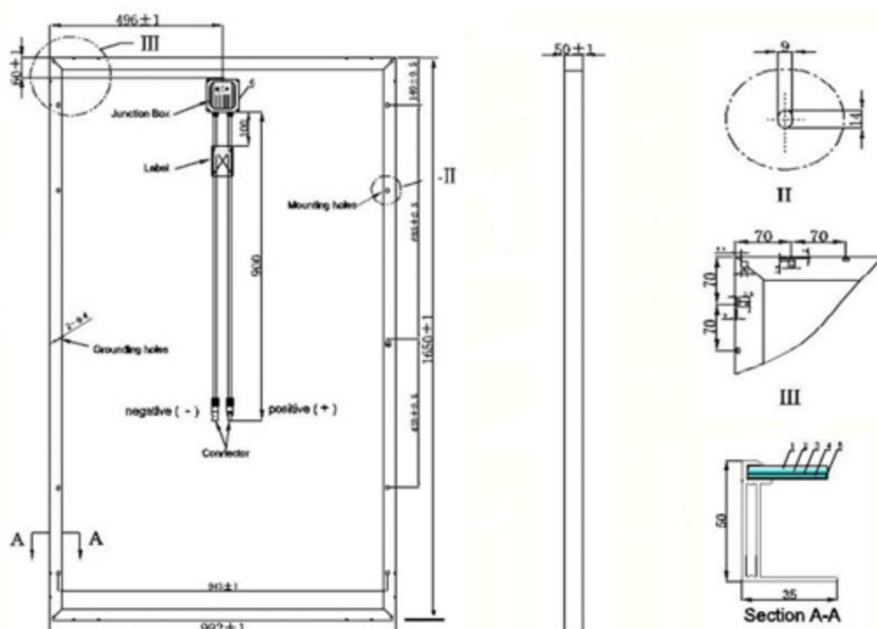
JSTY220P-60 Photovoltaic modules 60pcs 156×156mm Poly-crystalline silicon cell

JSTY220P-60 series modules consists of 60pcs 156×156mm poly-crystalline silicon solar cells which are in high efficiency, individually characterized and electronically matched before interconnection, laminated with high-quality toughened glass, EVA and TPT, the operating characteristics of solar cells can be ensured under any climatic conditions.

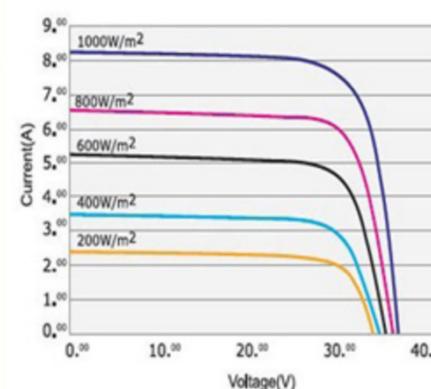
After assembled by anodized aluminum alloy frame and MC type junction box, cabled with connector, Tengye modules are designed for long service life, easy to install, withstand storm, high wind and hail impact etc.



Module	JSTY220P-60										
Encapsulation	Glass/EVA/Cells/EVA/TPT										
Size and Number of Cells	156mm×156mm 60/6×10pcs										
Maximum Power(Pmax)	W	200.00	205.00	210.00	215.00	220.00	225.00	230.00	235.00	240.00	
Tolerance		±3%									
Open Circuit Voltage(Voc)	V	35.30	35.30	36.00	36.00	36.00	36.60	36.60	37.20	37.20	
Short Circuit Current(Isc)	A	7.58	7.77	7.82	8.01	8.19	8.24	8.34	8.46	8.65	
Maximum Power Voltage(Vmp)	V	28.50	28.50	29.00	29.00	29.00	39.50	39.50	30.00	30.00	
Maximum Power Current(Imp)	A	7.02	7.19	7.24	7.41	7.59	7.63	7.79	7.83	8.00	
Max.Syst.Oper.Voltage	V	1000VDC									
Diodes		6 by-pass									
Dimension	mm	1650×992×50									
Weight	KG	19.5									
Operate Temp.scope	℃	-40to+85									
Pm temperature Coefficient	%/℃	-0.45									
Isc Temperature Coefficient	%/℃	0.05									
Voc Temperature Coefficient	%/℃	-0.35									
NOCT-Nominal Operating Cell Temperature	℃	47±2									
Resistances		227g steel ball fall down from 1m height and 60m/s wind									
Warranty		Pm is not than 90% in 10 years and 80% in 25 years									
(Test condition: 1000W/m², AM1.5, 25℃ Product Standards: Module certified to CE, IEC61730-2)											



I-V Curves of PV module JSTY220P-60



I-V Curves of PV module JSTY220P-60 at various cell temperatures

