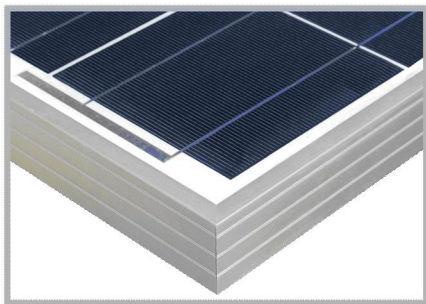
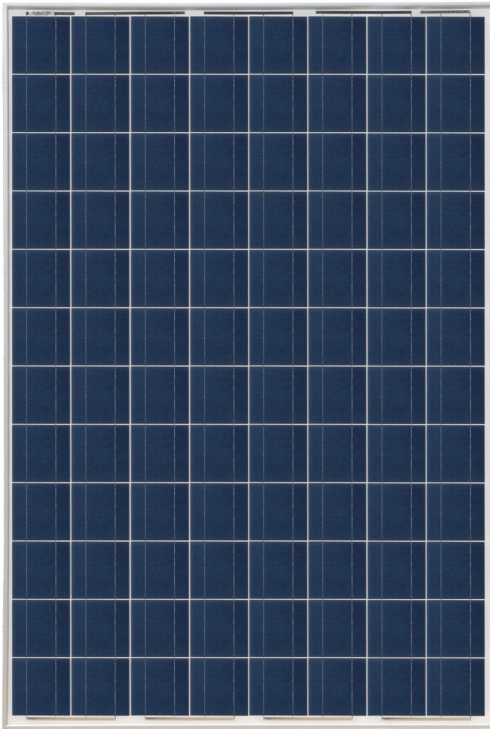




**QXPV**

IGNITE THE POWER OF NATURE

**Polycrystalline Module  
220Watt**



## Model (SL220TU-48SP) Specifications

### Electrical Data

Maximum Power(W)	220
Optimum Power Voltage(Vmp)	47.81
Optimum Operating Current(Imp)	4.60
Open Circuit Voltage(Voc)	58.37
Short Circuit Current(Isc)	4.92
Cell Efficiency (%)	14.96
Module Efficiency (%)	13.02
Tolerance Wattage(%)	0~+3%
NOCT	47°C +/-2°C

### Temperature Coefficients

Temperature Coefficients of Isc(%)°C	+0.04
Temperature Coefficients of Voc(%)°C	-0.35
Temperature Coefficients of Pm(%)°C	-0.45
Temperature Coefficients of Im(%)°C	+0.04
Temperature Coefficients of Vm(%)°C	-0.35

### Components & Mechanical Data

Solar Cell	125*125 Poly
Number of Cell(pcs)	8*12
Size of Module(mm)	1600*1056*40
Front Glass Thickness(mm)	3.2
Surface Maximum Load Capacity	2400-5400Pa
Allowable Hail Load	23m/s ,7.53g
Weight Per Piece(KG)	19.5
Junction Box Type	Pass the TUV Certificate
Bypass Diode Rating(A)	12
Cable & Connector Type	Pass the TUV Certificate
Frame(Material Corners,etc.)	40#
Backing (Brand Type)	TPT
Temperature Range	-40°C to +85°C
FF (%)	70-76%
Standard Test Conditions	AM1.5 1000W/m <sup>2</sup> 25°C

### Benefits



Modules sorted by current,  
optimizing system power  
generation



High Efficiency



Stable Power



Low Carbon Emission



Excellent Weather  
Resistance

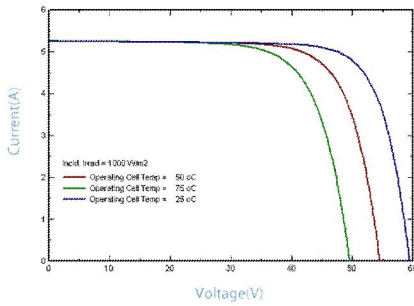




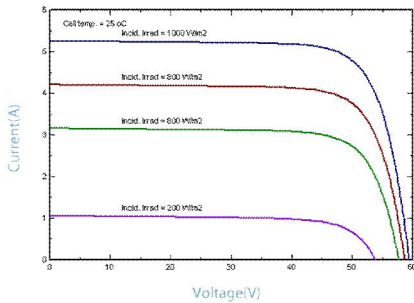
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# Polycrystalline Module 220Watt

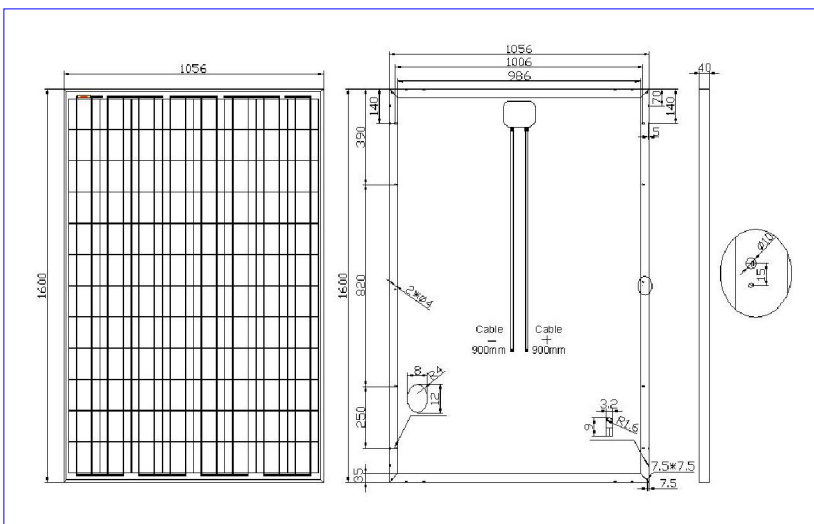
## IV-Curves



IV-CURVES of PV module  
SL220TU-48SP



## Engineering Drawings



## Warranty & Certifications

Warranty	25 years limited power warranty
	10 years limited product warranty
Certifications	IEC 61215, IEC 61730

## Packing

Packing	Wooden Box
1*20'	14Pallets/330pcs
1*40'HQ	28Pallets/784pcs

## Applications

- On-grid residential roof-tops
- On-grid commercial/industrial roof-tops
- Solar power stations
- Other on-grid applications

## Project Picture



Manufacturing facility certified to **ISO 9001 / ISO 14001 / OHSAS 18001** quality management system standards.

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Specifications included in this datasheet are subject to change without notice.



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