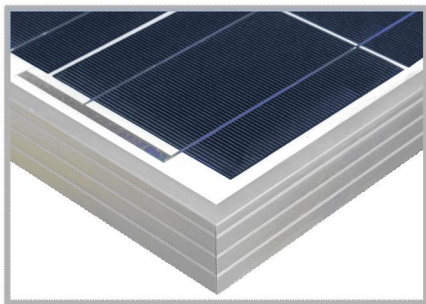
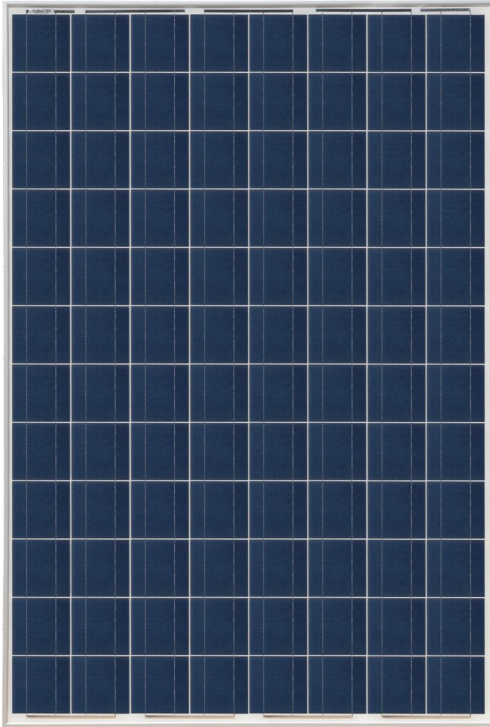




QXPV

IGNITE THE POWER OF NATURE

**Polycrystalline Module
230Watt**



Model (SL230TU-48SP) Specifications

Electrical Data

Maximum Power(W)	230
Optimum Power Voltage(Vmp)	48.48
Optimum Operating Current(Imp)	4.74
Open Circuit Voltage(Voc)	58.85
Short Circuit Current(Isc)	5.08
Cell Efficiency (%)	15.64
Module Efficiency (%)	13.61
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/m² 25°C

Benefits



Modules sorted by current,
optimizing system power
generation



High Efficiency



Stable Power



Low Carbon Emission



Excellent Weather
Resistance

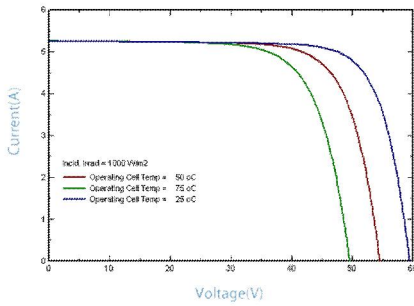




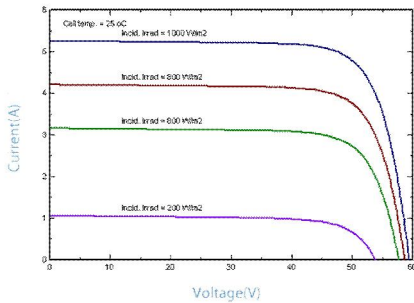
IGNITE THE POWER OF NATURE

**Polycrystalline Module
230Watt**

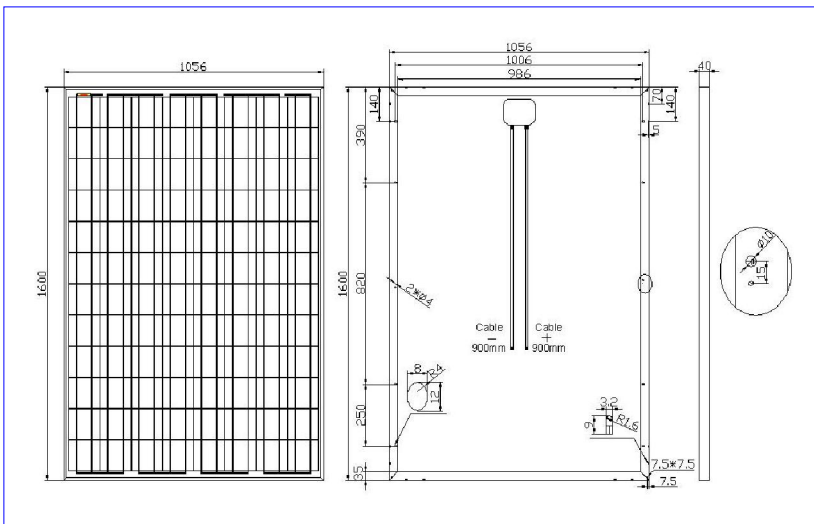
IV-Curves



IV-CURVES of PV module
SL230TU-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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