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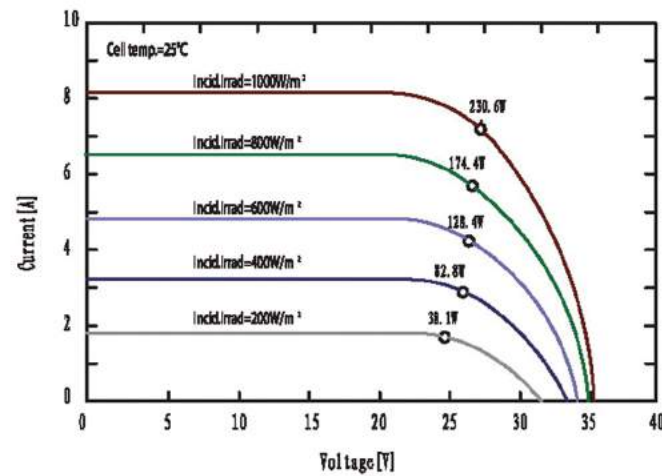
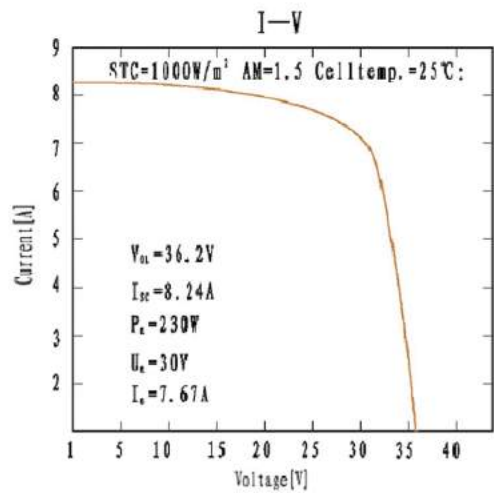
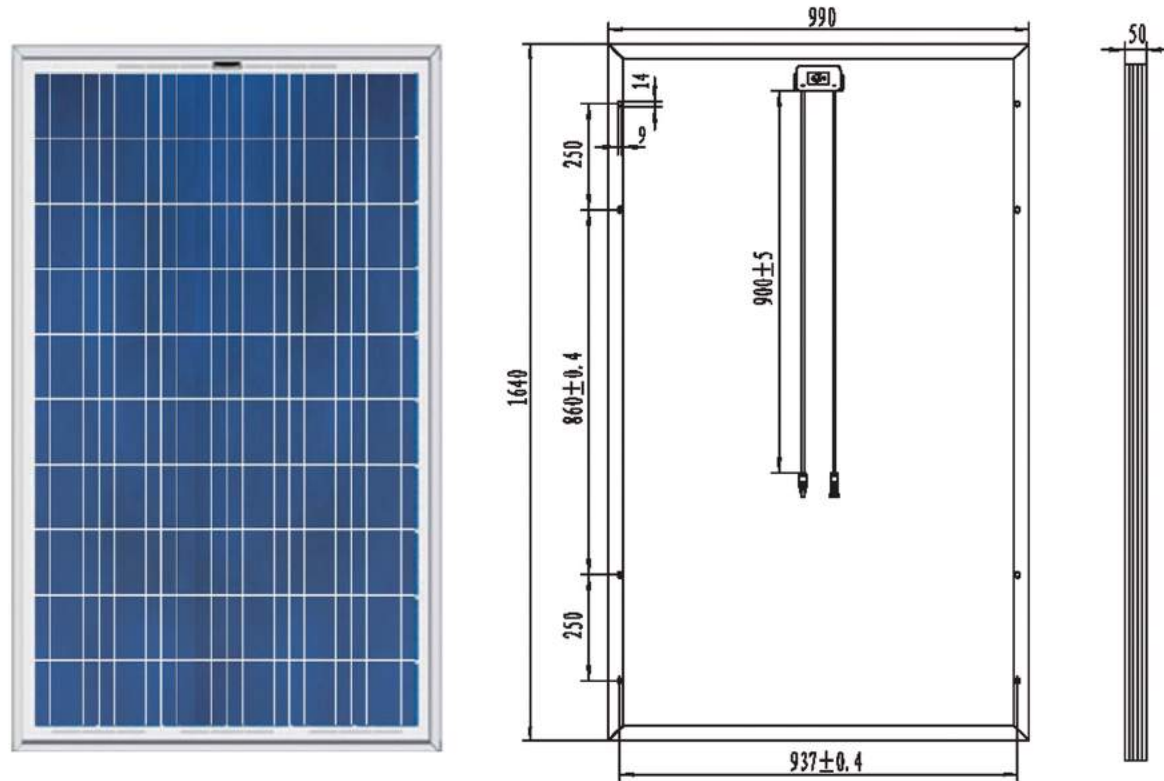
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Solar Panel Guide Specification Data Sheet

**Sokoyo Solar Lighting Co., Ltd.
Poly 210-240
KY240**

Also available on the web at
EnergyPal.com/sokoyo-solar-lighting-co-ltd-solar-panels/ky240

POLY-CRYSTALLINE SOLAR PANEL



MODULE CONSTRUCTION



WARRANTY

- 5 years material and workmanship warranty
- 10 years at 90% of the minimal rated power output
- 25 years at 80% of the minimal rated power output

QUALITY CERTIFICATES

- CE ET091113002
- ISO 9001:2000
- IEC 61215
- RoHS

ELECTRICAL CHARACTERISTICS (210~240W)

• Module Type	KY240	KY230	KY220	KY210
• Maximum Power(Pmax)	240W	230W	220W	210W
• Maximum Power Voltage(Vmp)	30.2 V	30V	29.8 V	29.6V
• Maximum Power Current(Imp)	7.95 A	7.67A	7.38A	7.10A
• Open Circuit Voltage(Voc)	36.4V	36.2V	36.1V	35.9V
• Short Circuit Current (Isc)	8.40A	8.24A	8.04A	7.82A
• Maximum System Voltage	1000V DC			
• Operating Temperature	-40 °C-- +80 °C			
• Power Tolerance	± 3%			
• Standard Test Conditions(STC)	Irradiance 1000W/m², Cell Temperature 25°C, AM1.5			

MECHANICAL CHARACTERISTICS

- Solar Cell Polycrystalline Cell 156*156mm
- Number of Cells 72pcs(6×12)
- Module Dimension 1640×990×50mm
- Weight 21KG
- Frame Anodized Aluminium Alloy
- Front Glass Tempered Glass
- Encapsulant EVA
- Type of Output Terminal Junction Box
- Cable 900mm LAPP(4.0mm²)
- Connection Standard Plug and Socket

TEMPERATURE CHARACTERISTICS

- ◆ Nominal Operating Cell Temperature(NOCT) 45°C±2°C
- ◆ Temperature Coefficient of Pmax(%/k) 0.5±0.05
- ◆ Temperature Coefficient of Isc(%/k) 0.06±0.01