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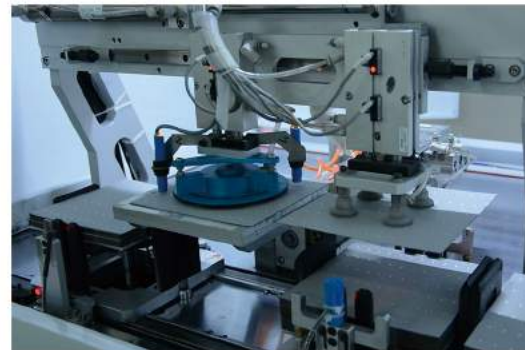
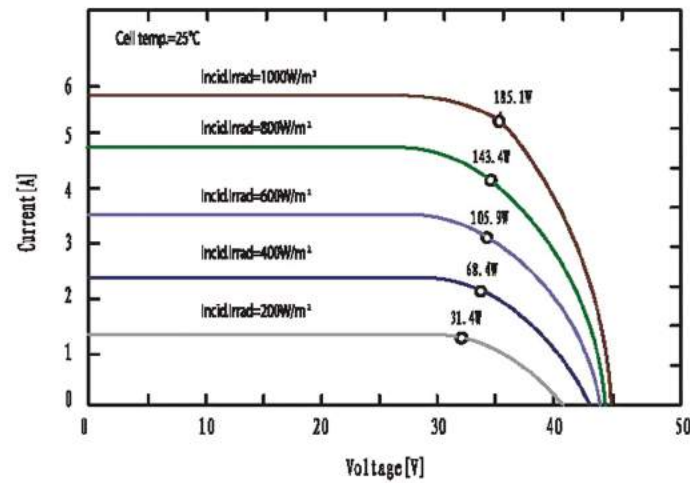
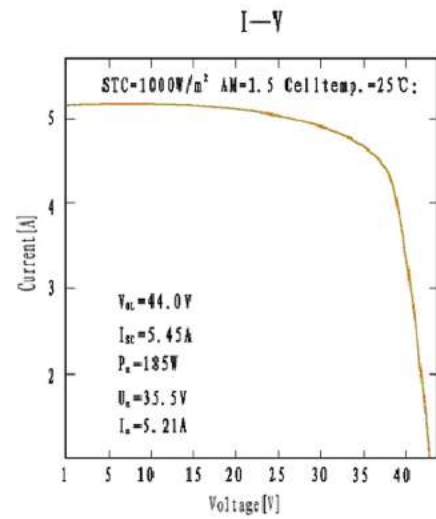
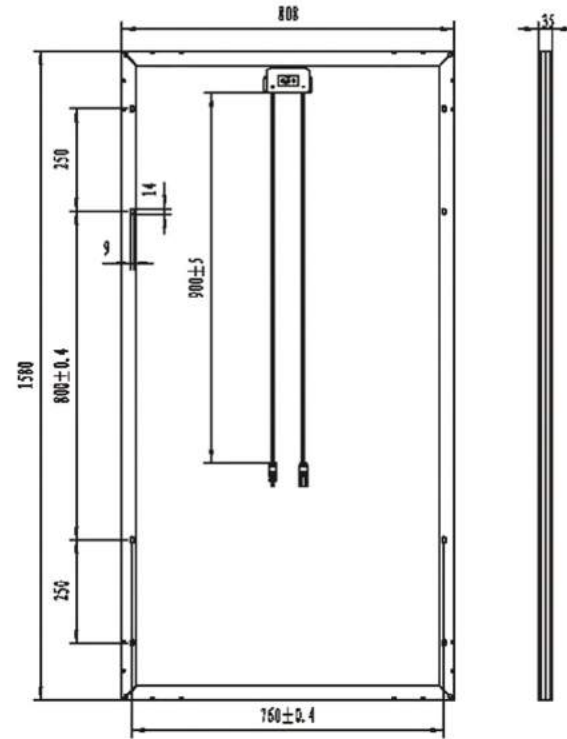
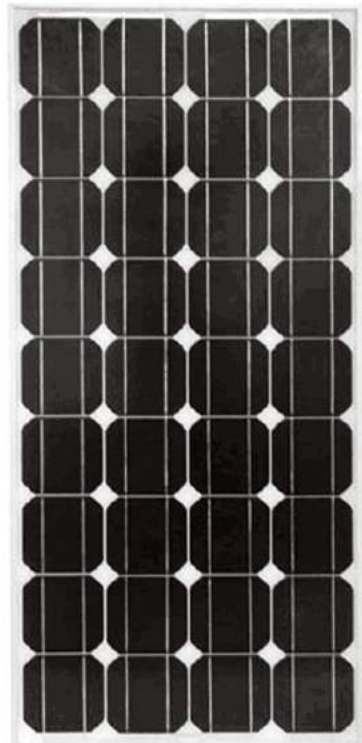
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Solar Panel Guide Specification Data Sheet

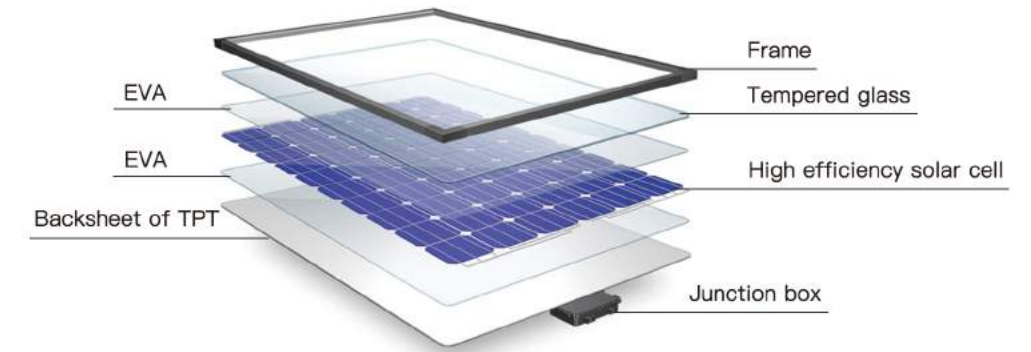
**Sokoyo Solar Lighting Co., Ltd.
Mono 95-115W
KY-105**

Also available on the web at
EnergyPal.com/sokoyo-solar-lighting-co-ltd-solar-panels/ky-105

MONO-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 (95~115W)

• Module Type	KY-95	KY-100	KY-105	KY-110	KY-115
• Maximum Power(Pmax)	95W	100W	105W	110W	115W
• Maximum Power Voltage(Vmp)	34.5 V	34.5 V	34.5 V	34.5 V	34.5 V
• Maximum Power Current(Imp)	2.76A	2.90A	3.05A	3.20A	3.34A
• Open Circuit Voltage(Voc)	43V	43V	43V	43V	43V
• Short Circuit Current (Isc)	3.30A	3.40A	3.50A	3.75A	3.85A
• 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 Monocrystalline Cell 125*125mm
- Number of Cells 72pcs (6×12)
- Module Dimension 1074×808×30mm
- Weight 11KG
- Frame Anodized Aluminium Alloy
- Front Glass Tempered Glass
- Encapsulant EVA
- Type of Output Terminal Junction Box(TUV)
- Connection Standard Plug and Socket

TEMPERATURE CHARACTERISTICS

- ◆ Nominal Operating Cell Temperature(NOCT) 45°C±2°C
- ◆ Temperature Coefficient of Pmax(%/°C) -(-0.5±0.05)
- ◆ Temperature Coefficient of Isc(%/°C) 0.06±0.01
- ◆ Temperature Coefficient of Voc(mv/°C) -0.35