

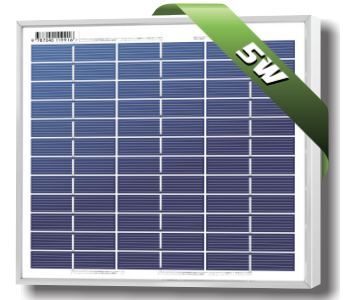
# SLP005-12U

## High Efficiency Multicrystalline PV Module

| Electrical Characteristics              | SLP005-12U        |
|---|-------------------|
| Product code                            | 005011201A        |
| Maximum power (Pmax)                    | 5W                |
| Voltage at Pmax (Vmp)                   | 17.0V             |
| Current at Pmax (Imp)                   | 0.29A             |
| Open-circuit voltage (Voc)              | 21.6V             |
| Short-circuit current (Isc)             | 0.34A             |
| Temperature coefficient of Voc          | -(80±10)mV/°C     |
| Temperature coefficient of Isc          | (0.065±0.015)%/°C |
| Temperature coefficient of power        | -(0.5±0.05)%/°C   |
| NOCT (Air 20°C; Sun 0.8kW/m² wind 1m/s) | 47±2°C            |
| Operating temperature                   | -40°C to 85°C     |
| Maximum system voltage                  | 1000V DC          |
| Power tolerance                         | ± 3%              |

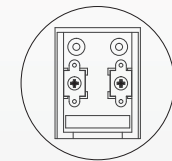
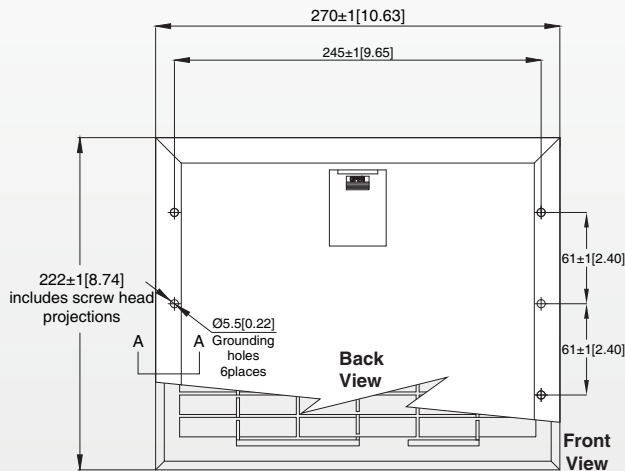
\*STC: Irradiance 1000W/m², AM1.5 spectrum, module temperature 25°C

\*NOCT: Nominal operating cell temperature (the data is only for reference)

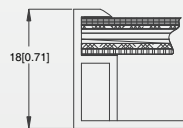


### Module Diagram

Dimensions in brackets are in inches.  
Un-bracketed dimensions are in millimeters.  
Unit: mm[in.]



Junction Box  
Top View (Lid Open)

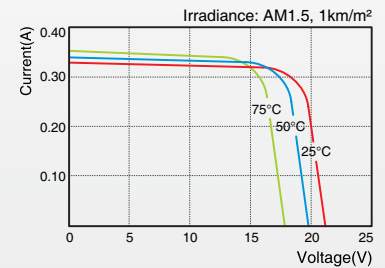


Section A-A

### Features

- Nominal 12V DC for standard output.
- Heavy-duty anodized frames.
- High transparent low-iron, tempered glass.
- Rugged design to withstand high wind pressure, hail and snow load.
- Aesthetic appearance.

### Characteristics



SLP005-12U I-V Curves

| Specifications               | SLP005-12U  |
|------------------------------|---|
| Cells                        | Polycrystalline silicon solar cell                            |
| No. of cells and connections | 36(3X12)  |
| Module dimension             | 222mm[8.74in.].x270mm[10.63in.].x18mm[0.71in.]                |
| Weight                       | 0.75kg[1.65lbs]   |
| Packing information(Carton)  | 310mm[12.20in.].x300mm[11.81in.].x255mm[10.04in.]/(10pcs/ctn) |

\*Limited warranty: 2-year limited warranty of materials and workmanship; 10-year limited warranty of 90% power output; 25-year limited warranty of 80% power output. For detail, please contact us.

\*Specifications are subject to change without notice at any time.