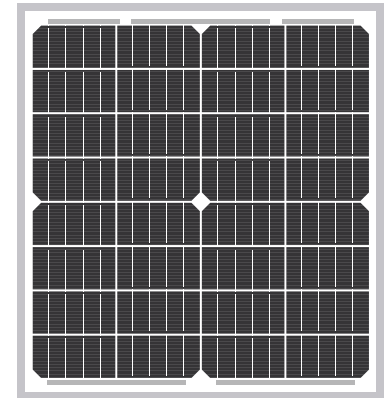


SLP020S-12U

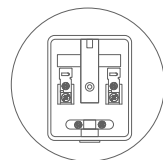
High Efficiency Monocrystalline PV Module

| Electrical Characteristics | SLP020S-12U |
|---|-------------------|
| Product code | 020031201A |
| Maximum power (Pmax) | 20W |
| Voltage at Pmax (Vmp) | 18.53V |
| Current at Pmax (Imp) | 1.27A |
| Open-circuit voltage (Voc) | 21.37V |
| Short-circuit current (Isc) | 1.34A |
| 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/m ² wind 1m/s) | 47±2°C |
| Operating temperature | -40°C to 85°C |
| Maximum system voltage | 600V DC |
| Power tolerance | ± 5% |

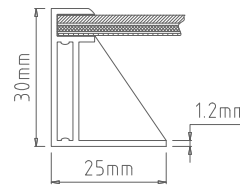


*STC: Irradiance 1000W/m², AM1.5 spectrum, module temperature 25°C
 *NOCT: Nominal operating cell temperature (the data is only for reference)

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



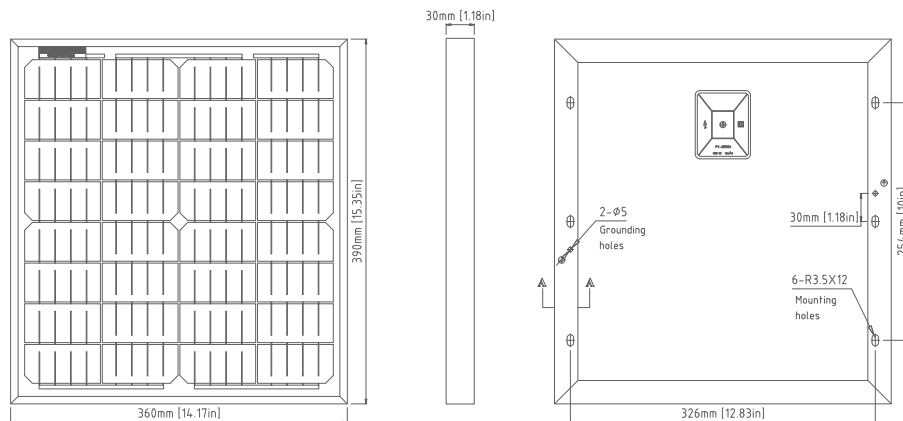
Junction Box
Top View (Lid Open)



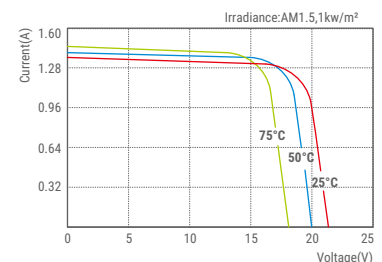
Section A-A

Features

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



Characteristics



SLP020S-12U I-V Curves

| Specifications | SLP020S-12U |
|------------------------------|---|
| Cells | Monocrystalline silicon solar cell |
| No. of cells and connections | 32(4X8) |
| Module dimension | 390mm[15.35in.]x360mm[14.17in.]x30mm[1.18in.] |
| Weight | 1.81kg[4.00lbs] |
| Packing information(Carton) | 440mm[17.32in.]x410mm[16.14in.]x80mm[3.15in.]/(1pc/ctn) |