## SOLARLAND USA

## SLP140-12

## High Efficiency Multicrystalline PV Module

| Electrical Characteristics | SLP140-12 |
| :---: | :---: |
| Produc code | 140011202B |
| Maximum power (Pmax) | 140W |
| Voltage at Pmax (Vmp) | 17.2V |
| Current at Pmax (Imp) | 8.14 A |
| Open-circuit voltage (Voc) | 21.6 V |
| Short-circuit current (Isc) | 9.05 A |
| Temperature coefficient of Voc | $-(80 \pm 10) \mathrm{mV} /{ }^{\circ} \mathrm{C}$ |
| Temperature coefficient of Isc | $(0.065 \pm 0.015) \% /{ }^{\circ} \mathrm{C}$ |
| Temperature coefficient of power | $-(0.5 \pm 0.05) \% /{ }^{\circ} \mathrm{C}$ |
| NOCT (Air $20^{\circ} \mathrm{C}$; Sun $0.8 \mathrm{~kW} / \mathrm{m}^{2}$ wind $1 \mathrm{~m} / \mathrm{s}$ ) | $47 \pm 2^{\circ} \mathrm{C}$ |
| Operating temperature | $-40^{\circ} \mathrm{C}$ to $85^{\circ} \mathrm{C}$ |
| Maximum system voltage | 1000 V DC |
| Power tolerance | $\pm 5 \%$ |

*STC: Irradiance $1000 \mathrm{~W} / \mathrm{m}^{2}$, AM1.5 spectrum, module temperature $25^{\circ} \mathrm{C}$
*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)



## 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



SLP140-12 I-V Curves

| Specifications | SLP140-12 |
| :---: | :---: |
| Cells | Polycrystalline silicon solar cell |
| No. of cells and connections | $72(4 \times 18)$ |
| Module dimension | Weight |

*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.

