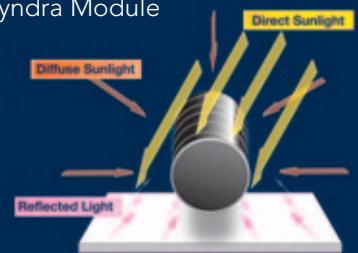




Solar photovoltaic systems comprised of panels and mounting hardware for low slope, commercial rooftops.

Proprietary cylindrical modules optimize the collection of sunlight and enable Solyndra panels to achieve the highest rooftop coverage without the need for costly mounting hardware or rooftop penetrations. By significantly reducing installation costs and increasing the electricity generated per rooftop, Solyndra delivers electricity at low cost per kilowatt hour.

Solyndra Module



100
SERIES

Maximize roof coverage with no need for tilting and spacing.

Greater coverage means more solar electricity per rooftop per year

Fast, simple, and economical installation

Lightweight and self-ballasting

No penetrations or attachments required

Product Specifications

**100
SERIES**

Electrical Data

Measured at Standard Test Conditions (STC) irradiance of 1000 W/m², air mass 1.5, and cell temperature 25° C

| Model Number | | SL-001-150 | SL-001-157 | SL-001-165 | SL-001-173 | SL-001-182 | SL-001-191 | SL-001-200 Release Date TBD |
|--|------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------------------|
| Power Rating (P _{mp}) | W _p | 150 W _p | 157 W _p | 165 W _p | 173 W _p | 182 W _p | 191 W _p | 200 W _p |
| Power Tolerance (%) | %/W _p | +4, -5 | +/-4 | +/-4 | +/-4 | +/-4 | +/-4 | +/-4 |
| V _{mp} (Voltage at Maximum Power) | Volts | 65.7 V | 67.5 V | 69.6 V | 71.7 V | 73.9 V | 76.1 V | 78.3 V |
| I _{mp} (Current at Maximum Power) | Amps | 2.28 A | 2.33 A | 2.37 A | 2.41 A | 2.46 A | 2.51 A | 2.55 A |
| V _{oc} (Open Circuit Voltage) | Volts | 91.4 V | 92.5 V | 93.9 V | 95.2 V | 96.7 V | 98.2 V | 99.7 V |
| I _{sc} (Short Circuit Current) | Amps | 2.72 A | 2.73 A | 2.74 A | 2.75 A | 2.76 A | 2.77 A | 2.78 A |
| Temp. Coefficient of V _{oc} | %/°C | -0.29 | | | | | | |
| Temp. Coefficient of I _{sc} | %/°C | -0.02 | | | | | | |
| Temp. Coefficient of Power | %/°C | -0.38 | | | | | | |

System Information*

| | |
|--|---|
| Cell type | Cylindrical CIGS |
| Maximum System Voltage | Universal design: 1000V (IEC) & 600V (UL) systems |
| Dimensions | Panel: 1.82 m x 1.08 m x 0.05 m Height: 0.3 m to top of panel on mounts |
| Mounts | Non-penetrating, powder-coated Aluminum |
| Connectors | 4 Tyco Solarlok; 0.20 m cable |
| Series Fuse Rating | 23 Amps |
| Roof Load | 16 kg/m ² (3.3 lb/ft ²) panel and mounts |
| Panel Weight | 31 kg (68 lb) without mounts |
| Snow Load Maximum | 2,400 Pa (50.1 lb/ft ²) |
| Hailstone Impact | 25 mm, 7.53 g at 23 m/s per IEC 61646 |
| Wind Performance | 208 km/h (130 mph) maximum Self-ballasting with no attachments |
| Operating and Storage Temp | -40°C to +85°C |
| Normal Operating Cell Temperature (NOCT) | 41.7°C at 800 W/m ² , Temp = 20°C, Wind = 1m/s |
| Certifications/Listings | UL1703, IEC 61646, CEC listing IEC 61730, CE Mark, Fire Class C Application Class A per IEC 61730-2 |
| Warranty | 25 year limited power warranty 5 year limited product warranty |



Solyndra's panels come with all of the mounts, grounding connectors, lateral clips, and fasteners required to build a standard array.

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SOLYNDRA[®]
The new shape of solar[™]

*Product Specifications are only valid when using the product in accordance with Solyndra's design and installation guidelines using Solyndra supplied mounts and interconnecting hardware. Product Specifications are subject to change without notice.