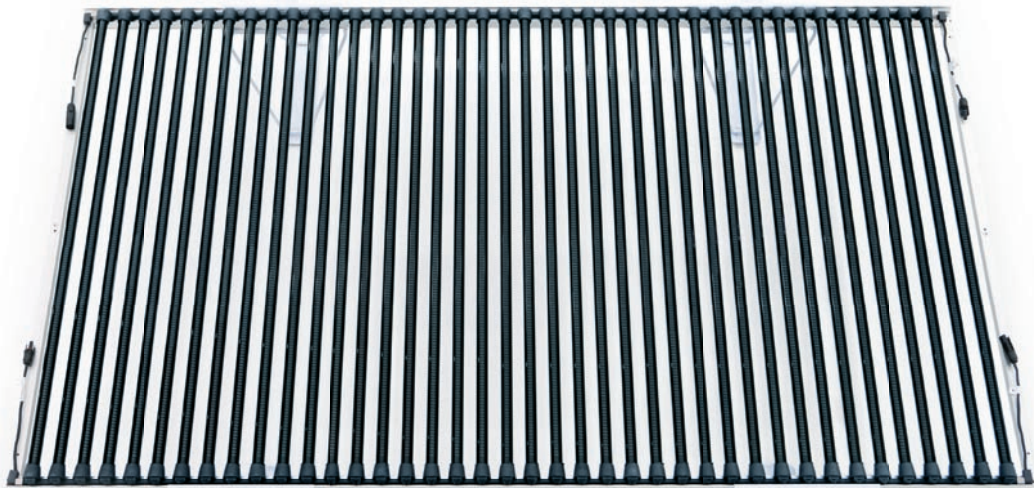
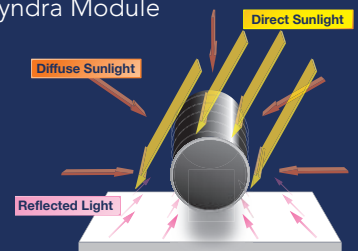




Solar photovoltaic systems comprised of panels and mounting hardware for low slope, commercial rooftops.

Proprietary cylindrical modules optimize the collection of sunlight and enable our 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, we can deliver electricity at the lowest cost per kilowatt hour.

Solyndra Module



Significantly more solar electricity per rooftop per year

Approximately, 2x the roof coverage with no need for tilting and spacing

Fast, easy, economic installation

Typically, 1/3 the labor, 1/3 the time, at 1/2 the cost

Lightweight and self-ballasting

No penetrations or attachments required



Product Specifications

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 *U,**C	SL-001-157 *U,**C	SL-001-165 *U,**C	SL-001-173 *U,**C	SL-001-182 *U,**C	SL-001-191 *U,**C Release Date TBD
PowerRating (P _{mp}) (+/-4%*)	Wp	150	157	165	173	182	191
V _{mp} (Voltage at Maximum Power)	Volts	70.5	72.3	74.0	76.1	78.0	80.2
I _{mp} (Current at Maximum Power)	Amps	2.15	2.20	2.25	2.32	2.35	2.42
V _{oc} (Open Circuit Voltage)	Volts	96.0	97.6	99.0	101.0	102.5	104.5
I _{sc} (Short Circuit Current)	Amps	2.50	2.54	2.60	2.63	2.70	2.75
Temp. Coefficient of V _{oc}	%/°C	-0.35					
Temp. Coefficient of I _{sc}	%/°C	-0.06					
Temp. Coefficient of Power	%/°C	-0.38					

SL-001-150: -5%, +4%

System Information

Cell type System Voltage	Cylindrical CIGS *600V, **1000V
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 Al Up to 2.17 mounts per panel
Connectors	4 Tyco Solarlok; 0.20 m cable
Series Fuse Rating	23 Amps
Roof Load	16 kg/m ² panel and mounts
Module Weight	31 kg without mount
Snow Load Maximum	2800 Pa
Wind Performance	130 mph (208 km/h) 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, IEC 61646, CE Mark Application Class A per IEC 61730-2 Fire Class C
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.

Specifications subject to change without notice.

Solyndra, Inc. • 47700 Kato Road • Fremont, CA • www.solyndra.com

SOLYNDRATM
The new shape of solarTM