



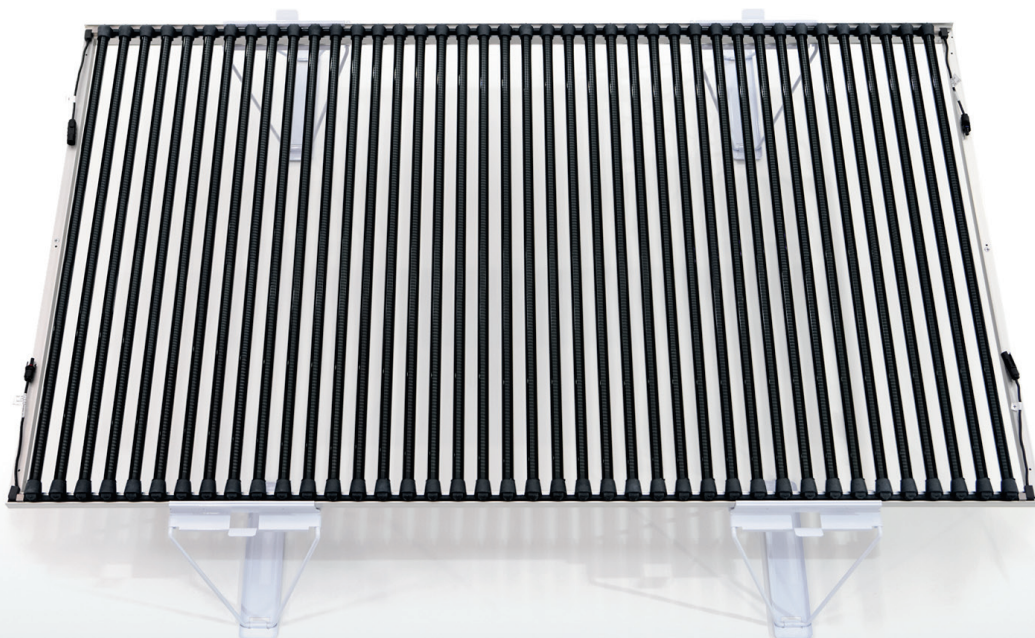
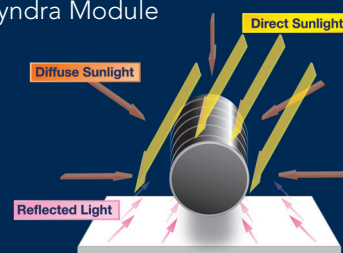
SOLYNDRA® 150 SERIES

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.

150 Series leverages the higher power of the 200 Series' cylindrical module in the original 100 Series frame and mounting hardware for applications that require maximum power density or snow loads greater than 1,850 Pa.

Solyndra Module



Maximize roof coverage with no need for tilting and spacing.

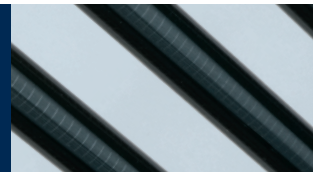
Greater coverage means more solar electricity per rooftop per year

Fast, simple, and economical installation

Lightweight and self-ballasting
No penetrations or attachments required

Product Specifications*

**150
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-150-165	SL-150-173	SL-150-182	SL-150-191	SL-150-200 RELEASE DATE TBD
PowerRating (P _{mp})	Wp	165 Wp	173 Wp	182 Wp	191 Wp	200 Wp
Power Tolerance (%)	%/Wp	+/-4	+/-4	+/-4	+/-4	+/-4
V _{mp} (Voltage at Maximum Power)	Volts	86.4 V	89.8 V	92.9 V	95.8 V	98.3 V
I _{mp} (Current at Maximum Power)	Amps	1.91 A	1.93 A	1.96 A	1.99 A	2.03 A
V _{oc} (Open Circuit Voltage)	Volts	121.4 V	123.5 V	125.1 V	126.0 V	126.3 V
I _{sc} (Short Circuit Current)	Amps	2.29 A	2.30 A	2.31 A	2.33 A	2.35 A
Temp. Coefficient of V _{oc}	%/°C	-28				
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	24.4 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.

Headquarters	Regional Support Contacts
Solyndra LLC 47488 Kato Road Fremont CA 94538 USA	Belgium 0800 50735 customersupportbe@solyndra.com
	EMEA 353 61 79 1124 customersupporteu@solyndra.com
	France 0800 942896 customersupportfr@solyndra.com
	Germany 0800 0004366 customersupportde@solyndra.com
	Greece 00800 3973 4547 customersupporteu.solyndra.com
Solyndra International AG Lindenstrasse 16 6340 Baar, Switzerland	Italy 800 125604 customersupportit@solyndra.com
	Spain 900 800566 customersupportes@solyndra.com
	US/Canada 877-511-8436 customersupport@solyndra.com
	UK 0800 368-0423 customersupportuk@solyndra.com

*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.

SOLYNDRA
The new shape of solar™