



Los Angeles • Toronto • Minneapolis

SLG-M Monocrystalline



345 Wp 72 Cell Monocrystalline PV Module

100% MAXIMUM POWER DENSITY

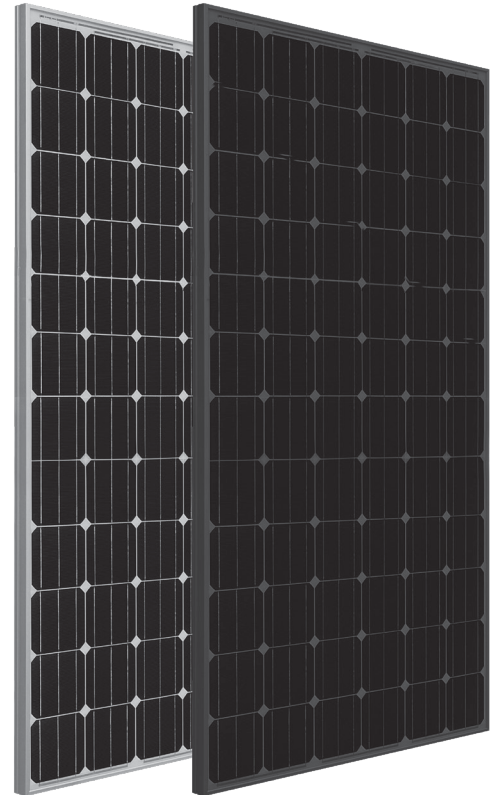
Silfab's SLG-M 345 ultra-high-efficiency modules are optimized for Commercial projects where maximum power density is preferred.

100% NORTH AMERICAN QUALITY MATTERS

Silfab's fully-automated manufacturing facility ensures precision engineering is applied at every stage. Superior reliability and performance combine to produce one of the highest quality modules with the lowest defect rate in the industry.

NORTH AMERICAN CUSTOMIZED SERVICE

Silfab's 100% North American based team leverages just-in-time manufacturing to deliver unparalleled service, on-time delivery and flexible project solutions.



ENSURES MAXIMUM EFFICIENCY

72 of the highest efficiency, premium quality monocrystalline cells result in a maximum power rating of 345Wp.

ADVANCED PERFORMANCE WARRANTY

25-year linear power performance guarantee to 82%

ENHANCED PRODUCT WARRANTY

12-year product/workmanship warranty

BUILT BY INDUSTRY EXPERTS

With over 35 years of industry experience, Silfab's technical team are pioneers in PV technology and are dedicated to an innovative approach that provides superior manufacturing processes including: infra-red cell sorting, glass washing, automated soldering and meticulous cell alignment.

POSITIVE TOLERANCE

(-0/+5W) All positive module sorting ensures maximum performance

44 PPM DEFECT RATE*

Total automation ensures strict quality control during each step of the process at our certified ISO manufacturing facility.
*As of December 31, 2016

LIGHT AND DURABLE

Over-engineered to weather low load bearing structures up to 5400 Pa. Light-weight frame exclusively designed with wide-ranging racking compatibility and durability.

PID RESISTANT

Proven in accordance to IEC 62804-1

AVAILABLE IN

All Black / Silver



Electrical Specifications		SILFAB SLG Monocrystalline	
Test Conditions		STC	NOCT
Module Power (Pmax)	Wp	345	260
Maximum power voltage (Vpmax)	V	38.7	34.8
Maximum power current (Ipmax)	A	8.93	7.50
Open circuit voltage (Voc)	V	47.3	43.8
Short circuit current (Isc)	A	9.52	7.81
Module efficiency	%	17.7	16.7
Maximum system voltage (VDC)	V	1000	
Series fuse rating	A	15	
Power Tolerance	Wp	-0/+5	

Measurement conditions: STC 1000 W/m² • AM 1.5 • Temperature 25 °C • NOCT 800 W/m² • AM 1.5 • Measurement uncertainty ≤ 3%
 • Sun simulator calibration reference modules from Fraunhofer Institute. Electrical characteristics may vary by ±5% and power by -0/+5W.

Temperature Ratings		SILFAB SLG Monocrystalline	
Temperature Coefficient Isc	%/K	0.03	
Temperature Coefficient Voc	%/K	-0.30	
Temperature Coefficient Pmax	%/K	-0.38	
NOCT (± 2°C)	°C	45	
Operating temperature	°C	-40/+85	

Mechanical Properties and Components		SILFAB SLG Monocrystalline	
Module weight (± 1 kg)	kg	23	
Dimensions (H x L x D; ± 1mm)	mm	1970 x 990 x 38	
Maximum surface load (wind/snow)*	N/m ²	5400	
Hail impact resistance		Ø 25 mm at 83 km/h	
Cells		72 - Si monocrystalline - 3 or 4 busbar - 156.75 x 156.75 mm	
Glass		3.2 mm high transmittance, tempered, antireflective coating	
Backsheet		Multilayer polyester-based	
Frame		Anodized Al	
Bypass diodes		3 diodes-45V/12A, IP67/IP68	
Cables and connectors (See installation manual)		1200 mm Ø 5.7 mm (4 mm ²), MC4 compatible	

Warranties		SILFAB SLG Monocrystalline	
Module product warranty		12 years	
		25 years	
		≥ 97% end of 1 st year	
		≥ 90% end of 12 th year	
		≥ 82% end of 25 th year	

Linear power performance guarantee

Certifications		SILFAB SLG Monocrystalline	
Product		ULC ORD C1703, UL 1703, IEC 61215, IEC 61730, IEC 61701, CEC listed	
		UL Fire Rating: Type 2 (Type 1 on request)	
Factory		ISO 9001:2008	



Warning: Read the installation and User Manual before handling, installing and operating modules.

Third-party generated pan files from PV Evolution Labs available for download at: www.silfab.ca/downloads

- Pallet Count: up to 24 per pallet
- Container Count: 720



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