

SLG-M Monocrystalline

















380 Wp 72 Cell

Monocrystalline PV Module

(Available 2019)















100% MAXIMUM POWER DENSITY

Silfab's SLG-M 380 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 380Wp.

ADVANCED PERFORMANCE WARRANTY

30-year linear power performance guarantee

ENHANCED PRODUCT WARRANTY

25-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

III LOWEST DEFECT RATE*

Total automation ensures strict quality control during each step of the process at our certified ISO manufacturing facility. *82.56 ppm as per December 2017

III LIGHT AND DURABLE

Engineered to accommodate low load bearing structures, while boasting up to 5400 Pa snow load capabilities. Lightweight frame is exclusively designed with wide-ranging racking compatibility and durability in mind.

PID RESISTANT

PID Resistant due to advanced cell technology and material selection. Proven in accordance to IEC 62804-1

AVAILABLE WITH

Silver Frame and White Backsheet

| Electrical Specifications | | SILFAB SLG Monocrystalline | |
|-------------------------------|----|----------------------------|------|
| Test Conditions | | STC | NOCT |
| Module Power (Pmax) | Wp | 380 | 287 |
| Maximum power voltage (Vpmax) | V | 39.9 | 35.9 |
| Maximum power current (Ipmax) | А | 9.54 | 8.01 |
| Open circuit voltage (Voc) | V | 48.4 | 44.8 |
| Short circuit current (lsc) | A | 9.98 | 8.18 |
| Module efficiency | % | 19.2 | 18.1 |
| Maximum system voltage (VDC) | V | 1500 or 1000 | |
| Series fuse rating | А | 20 | |
| Power Tolerance | Wp | -0/+5 | |

 $Measurement \ conditions: \ STC\ 1000\ W/m2 \cdot AM\ 1.5 \cdot Temperature\ 25\ ^{\circ}C \cdot NOCT\ 800\ W/m^2 \cdot AM\ 1.5 \cdot Measurement\ uncertainty \leq 3\% \cdot Moreover 1000\ W/m^2 \cdot AM\ 1.5 \cdot Measurement\ uncertainty \leq 3\% \cdot Moreover 1000\ W/m^2 \cdot AM\ 1.5 \cdot Measurement\ uncertainty \leq 3\% \cdot Moreover 1000\ W/m^2 \cdot AM\ 1.5 \cdot Measurement\ uncertainty \leq 3\% \cdot Moreover 1000\ W/m^2 \cdot AM\ 1.5 \cdot Measurement\ uncertainty \leq 3\% \cdot Moreover 1000\ W/m^2 \cdot AM\ 1.5 \cdot Measurement\ uncertainty \leq 3\% \cdot Moreover 1000\ W/m^2 \cdot AM\ 1.5 \cdot Measurement\ uncertainty \leq 3\% \cdot Moreover 1000\ W/m^2 \cdot AM\ 1.5 \cdot Measurement\ uncertainty \leq 3\% \cdot Moreover 1000\ W/m^2 \cdot AM\ 1.5 \cdot Measurement\ uncertainty \leq 3\% \cdot Moreover 1000\ W/m^2 \cdot AM\ 1.5 \cdot Measurement\ uncertainty \leq 3\% \cdot Moreover 1000\ W/m^2 \cdot AM\ 1.5 \cdot Measurement\ uncertainty \leq 3\% \cdot Moreover 1000\ W/m^2 \cdot AM\ 1.5 \cdot Moreover 1000\ W/m^2 \cdot AM\ 1.5$ • 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 % | 0.03 | |
| Temperature Coefficient Voc % | -0.30 | |
| Temperature Coefficient Pmax % | -0.38 | |
| NOCT (± 2°C) | 45 | |
| Operating temperature | -40/+85 | |
| | 011 F1 F | |
| Mechanical Properties and Components | SILFAB SLG Monocrystalline | |
| Module weight (± 1 kg) | g 23.5 | |
| Dimensions (H x L x D; ± 1mm) | 1992 x 994 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 - 5 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, 20SQ040 (45V, 20A) IP67/IP68 Junction Box | |
| Cables and connectors (See installation manual) | 1200 mm ø 5.7 mm (4 mm²), MC4 compatible | |
| Warranties | SILFAB SLG Monocrystalline | |
| Module product workmanship warranty | 25 years* | |
| Linear power performance guarantee | 30 years | |
| Linear power performance guarantee | | |
| Certifications | SILFAB SLG Monocrystalline | |
| | ULC ORD C1703, UL 1703, IEC 61215, IEC 61730-1 and IEC 61730-2 Certified, FSEC | |



Factory

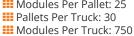
Product

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

Third-party generated pan files from Fraunhofer-Institute for Solar Energy Systems ISE are available for download at: www.silfabsolar.com/downloads



₩ Modules Per Pallet: 25 **##** Pallets Per Truck: 30

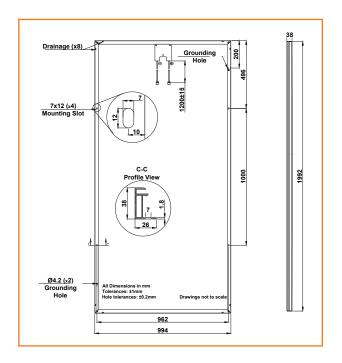




Silfab Solar Inc. 240 Courtneypark Drive East Mississauga ON L5T 2Y3 Canada Tel +1 905-255-2501 | Fax +1 905-696-0267 info@silfabsolar.com | www.silfabsolar.com



Silfab Solar Inc. 800 Cornwall Ave Bellingham WA 98225 USA Tel +1 360-569-4733



and CEC listed, IEC 62716 Ammonia Corrosion, IEC 61701:2011 Salt Mist Corrosion

UL Fire Rating: Type 1 (1500V) or Type 2 (1000V) or Type 1 on request

ISO 9001:2015