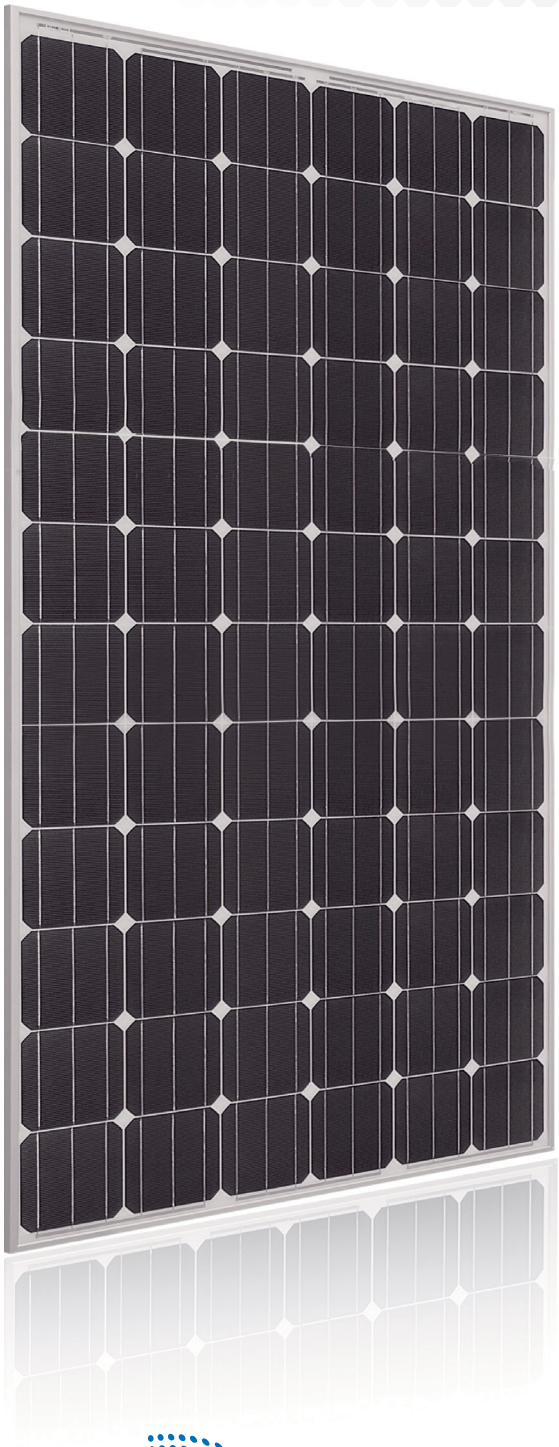
Technical Datasheet

SILFAB
SLG-M 335/340/345/350/355/360



The Silfab SLG-M 72-cell monocrystalline module series is a result of the experience of the Silfab technical team, specialized in the entire photovoltaic value chain, with modules produced and operating for over 33 years.

The SLG-M modules are ideal for ground-mount or roof-top installations where maximum power density is preferred.

Maximum Efficiency
72 of the highest efficiency, best quality monocrystalline cells result in a maximum power rating of 360 Wp.

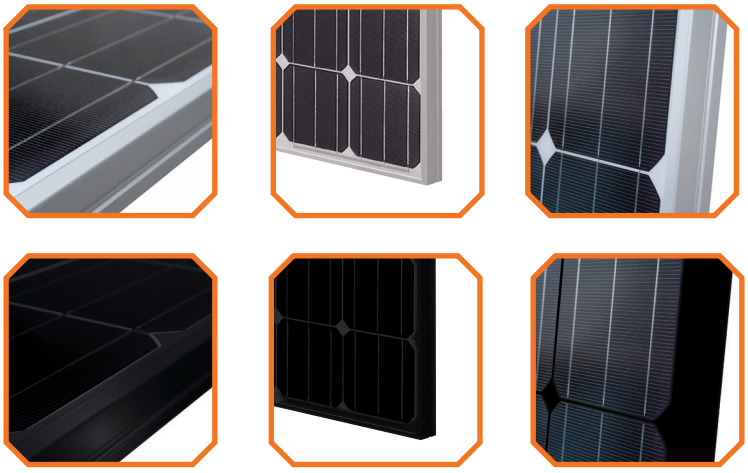
Positive Tolerance
(-0/+5W) module sorting achieves the maximum electrical performance of the PV system.

Industry Experts
Silfab's technical team has specialized experience in the entire photovoltaic value chain, with modules produced and operating for over 33 years.

Highest Automation
Strict quality controls during each step at one of the world's most automated module production facilities.

Increased Quality
Top quality materials and 100% EL testing guarantee a trustworthy 25-year performance warranty.

Reduced Weight
Engineered to accommodate low load bearing structures while maintaining highly durable mechanical characteristics including a maximum loading of 5400 Pa.



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Electrical Specifications - Standard Test Conditions		SLG335M	SLG340M	SLG345M	SLG350M	SLG355M	SLG360M
Module Power (Pmax)	Wp	335	340	345	350	355	360
Maximum power voltage (Vpmax)	V	38.1	38.4	38.7	38.9	39.1	39.3
Maximum power current (Ipmax)	A	8.79	8.86	8.93	9.1	9.16	9.2
Open circuit voltage (Voc)	V	46.4	46.9	47.3	47.5	47.8	47.9
Short circuit current (Isc)	A	9.37	9.45	9.52	9.61	9.65	9.71
Module efficiency	%	17.2	17.4	17.7	17.9	18.2	18.5
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 • 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 Mono
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 Mono
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/m²	5400
Hail impact resistance		ø 25 mm at 83 km/h
Cells		72 - Si monocrystalline - 3 or 4 busbar - 156 x 156 mm
Glass		3.2 mm high transmittance, tempered, antireflective coating
Encapsulant		PID-resistant EVA
Backsheet		Multilayer polyester-based
Frame		Anodized Al
Bypass diodes		3 diodes-45V/12A, IP67
Cables and connectors*		1200 mm ø 5.7 mm (4 mm²), gzx connector, MC4 comparable

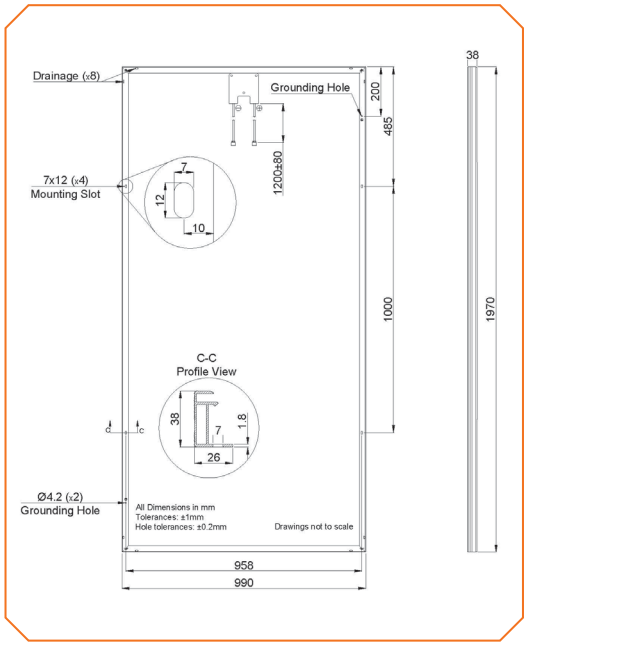
* See installation manual

Warranties	SILFAB SLG Mono
Module product warranty	12 years
Linear power performance guarantee	25 years ≥ 97% end of 1st year ≥ 90% end of 12th year ≥ 82% end of 25th year

Certifications	SILFAB SLG Mono
Product	UCL ORD C1703, UL 1703, IEC 61215, IEC 61730, CEC Listed
	UL Fire Rating: Type 2 (Type 1 on request)
Factory	ISO 9001:2008

Caution: Read the safety and installation manual before using this product.

Third-party generated pan files from PV Evolution Labs available for 335M, 340M, 345M, 350M, 355M, and 360M.



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