

# SILFAB

## SLA 240/245/250/255/260 P



### Maximum Efficiency

60 of the highest efficiency, best quality polycrystalline cells result in a maximum power rating of 260 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 30 years.

### Highest Automation

Strict quality controls during each step of 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.

Electrical Specifications - Standard Test Conditions		SLA 240 P	SLA 245 P	SLA 250 P	SLA 255 P	SLA 260 P
Module Power (Pmax)	Wp	240	245	250	255	260
Open circuit voltage (Voc)	V	37.1	37.3	37.5	37.7	37.9
Short circuit current (Isc)	A	8.53	8.64	8.76	8.87	8.99
Maximum power voltage (Vpmax)	V	30.1	30.3	30.5	30.7	30.9
Maximum power current (Ipmax)	A	8.01	8.13	8.24	8.35	8.46
Module efficiency	%	14.7	15.0	15.3	15.6	15.9
Maximum system voltage (UL)	VDC	600 or 1000 (on request)				
Series fuse rating	A	15				
Power tolerance	Wp	-0/+5				

Measurement conditions: STC 1000 W/m<sup>2</sup> - AM 1.5 - Temperature 25 °C • Measurement uncertainty ≤ 3% • Sun simulator calibration with modules calibrated by Fraunhofer Institute.  
Electrical characteristics may vary by ±5% and power by -0/+5W.

Temperature Ratings		SILFAB SLA Poly
Temperature Coefficient Isc	%/K	0.06
Temperature Coefficient Voc	%/K	-0.31
Temperature Coefficient Pmax	%/K	-0.41
NOCT (± 2 °C)	°C	41
Operating temperature	°C	-40/+85

Mechanical Properties and Components		SILFAB SLA Poly
Module weight (± 1 kg)	kg	19
Dimensions (H x L x D; ± 1 mm)	mm	1650 x 990 x 38
Maximum surface load (wind/snow)	N/m <sup>2</sup>	5400
Hail impact resistance		ø 25 mm at 83 km/h
Cells		60 - Si polycrystalline - 3 busbar - 156 x 156 mm
Glass		3.2 mm high transmittance, tempered, antireflective coating (when required)
Encapsulant		EVA
Backsheet		Multilayer polyester-based
Frame		Anodized Al 6060 T5, 15 µm
Bypass diodes		3 diodes SL1515 (Tyco) or 6 diodes PS4512 (Renhe)
Junction box and cables*		Tyco or Renhe, 2 x 1000 mm ø 5.7 mm (4 mm <sup>2</sup> )
Connectors		Tyco or MC4 comparable

\* Tigo Energy module maximizer integrated junction box available on request

Warranties		SILFAB SLA Poly
Module warranty		12 years
Guaranteed power		≥ 97.5% end of 1 <sup>st</sup> year ≥ 90 % end of 12 <sup>th</sup> year ≥ 82% end of 25 <sup>th</sup> year

Certifications		SILFAB SLA Poly
Product		ULC ORD C1703, UL 1703, IEC 61215, IEC 61730
Factory		Product traceability ISO 9001:2008

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



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