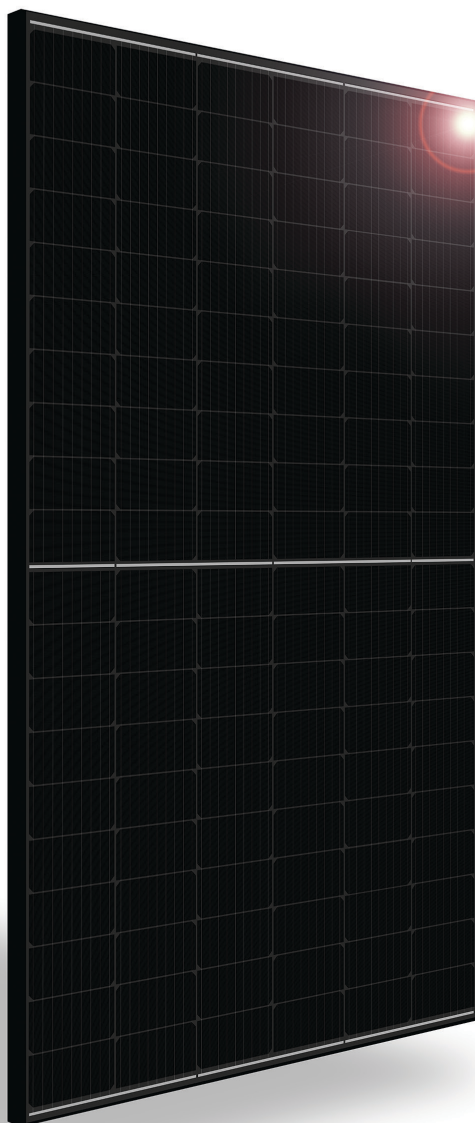


# SILFAB PRIME

SIL-370 HC



## RELIABLE ENERGY. DIRECT FROM THE SOURCE.

Designed to outperform.

Dependable, durable, high-performance solar panels engineered for North American homeowners.

[SILFABSOLAR.COM](http://SILFABSOLAR.COM)



| ELECTRICAL SPECIFICATIONS     |    | 370   |          |
|-------------------------------|----|-------|----------|
| Test Conditions               |    | STC   | NOCT     |
| Module Power (Pmax)           | Wp | 370   | 276      |
| Maximum power voltage (Vpmax) | V  | 34.95 | 32.48    |
| Maximum power current (Ipmax) | A  | 10.60 | 8.50     |
| Open circuit voltage (Voc)    | V  | 41.75 | 39.16    |
| Short circuit current (Isc)   | A  | 11.25 | 9.07     |
| Module efficiency             | %  | 20.2% | 18.9%    |
| Maximum system voltage (VDC)  | V  |       | 1000     |
| Series fuse rating            | A  |       | 20       |
| Power Tolerance               | Wp |       | 0 to +10 |

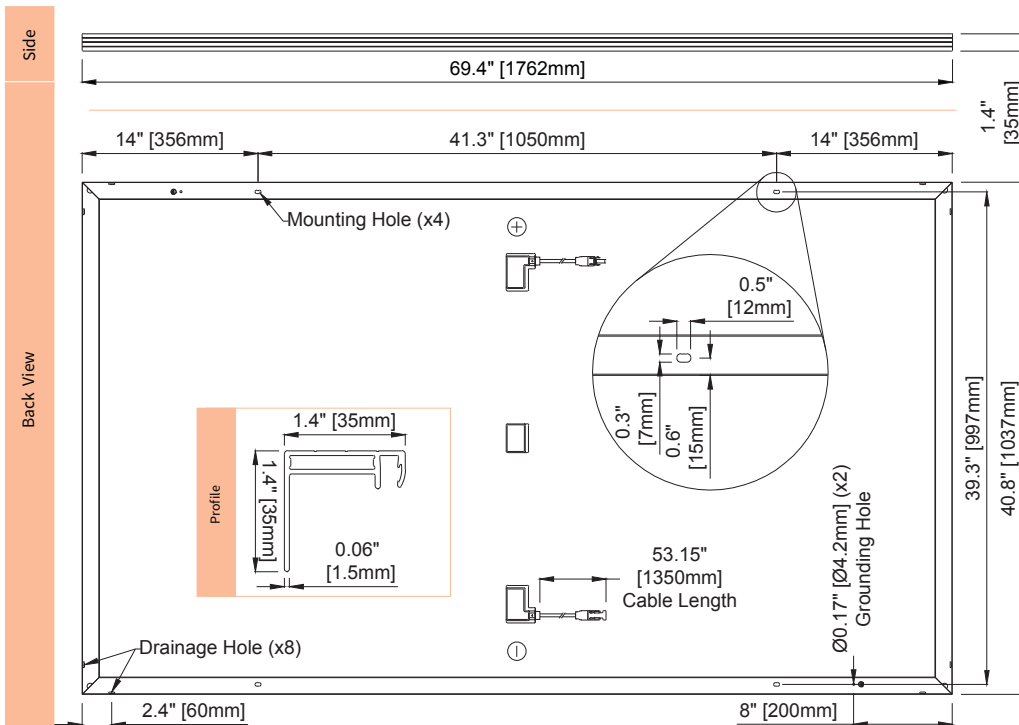
Measurement conditions: STC 1000 W/m<sup>2</sup> • AM 1.5 • Temperature 25 °C • NOCT 800 W/m<sup>2</sup> • AM 1.5 • Measurement uncertainty ≤ 3%  
 Sun simulator calibration reference modules from Fraunhofer Institute. Electrical characteristics may vary by ±5% and power by 0 to +10W.

| MECHANICAL PROPERTIES / COMPONENTS                   | METRIC  | IMPERIAL   |
|--|---|--|
| Module weight  | 19.5kg ±0.2kg   | 43lbs ±0.4lbs  |
| Dimensions (H x L x D)                               | 1762 mm x 1037 mm x 35 mm   | 69.4 in x 40.8 in x 1.37 in  |
| Maximum surface load (wind/snow)*                    | 5400 Pa rear load / 5400 Pa front load  | 112.8 lb/ft <sup>2</sup> rear load / 112.8 lb/ft <sup>2</sup> front load |
| Hail impact resistance                               | ø 25 mm at 83 km/h  | ø 1 in at 51.6 mph   |
| Cells  | 120 Half cells - Si mono PERC<br>9 busbar - 83 x 166 mm   | 120 Half cells- Si mono PERC<br>9 busbar - 3.26 x 6.53 in                |
| Glass  | 3.2 mm high transmittance, tempered,<br>DSM antireflective coating  | 0.126 in high transmittance, tempered,<br>DSM antireflective coating     |
| Cables and connectors (refer to installation manual) | 1350 mm, ø 5.7 mm, MC4 from Staubli   | 53.15 in, ø 0.22 in (12AWG), MC4 from Staubli                            |
| Backsheet  | High durability, superior hydrolysis and UV resistance, multi-layer dielectric film, fluorine-free PV backsheet |  |
| Frame  | Anodized Aluminum (Black)   |  |
| Bypass diodes  | 3 diodes-30SQ045T (45V max DC blocking voltage, 30A max forward rectified current)                              |  |
| Junction Box   | UL 3730 Certified, IEC 62790 Certified, IP68 rated  |  |

| TEMPERATURE RATINGS          |             | WARRANTIES                          |                     |
|------------------------------|-------------|-------------------------------------|---------------------|
| Temperature Coefficient Isc  | +0.064 %/°C | Module product workmanship warranty | 25 years**          |
| Temperature Coefficient Voc  | -0.28 %/°C  | Linear power performance guarantee  | 30 years            |
| Temperature Coefficient Pmax | -0.36 %/°C  |                                     | ≥ 97.1% end 1st yr  |
| NOCT (± 2°C)                 | 45 °C       |                                     | ≥ 91.6% end 12th yr |
| Operating temperature        | -40/+85 °C  |                                     | ≥ 85.1% end 25th yr |
|                              |             |                                     | ≥ 82.6% end 30th yr |

| CERTIFICATIONS |   | SHIPPING SPECS      |                         |
|----------------|---|---------------------|-------------------------|
| Product        | ULC ORD C1703, UL1703, CEC listed, UL 61215-1/-2, UL 61730-1/-2, IEC 61215-1/-2. IEC 61730-1/-2, CSA C22.2#61730-1/-2, IEC 62716 Ammonia Corrosion; IEC61701:2011 Salt Mist Corrosion Certified, UL Fire Rating: Type 2 | Modules Per Pallet: | 26 or 26 (California)   |
| Factory        | ISO9001:2015  | Pallets Per Truck   | 34 or 32 (California)   |
|                |   | Modules Per Truck   | 884 or 832 (California) |

\* ⚠ Warning. Read the Safety and Installation Manual for mounting specifications and before handling, installing and operating modules.  
 \*\* 12 year extendable to 25 years subject to registration and conditions outlined under "Warranty" at [silfab.com](http://silfab.com)  
 PAN files generated from 3rd party performance data are available for download at: [silfab.com/downloads](http://silfab.com/downloads)



### SILFAB SOLAR INC.

1770 Port Drive  
 Burlington WA 98233 USA  
 T +1 360.569.4733  
 info@silfab.com  
 SILFABSOLAR.COM

7149 Logistics Lane  
 Fort Mill SC 29715 USA  
 T +1 839.400.4338

240 Courtneypark Drive East  
 Mississauga ON L5T 2S5 Canada  
 T +1 905.255.2501  
 F +1 905.696.0267

**Silfab - SIL-370-HC-20231221**  
 No reproduction of any kind is allowed without permission. Data and information is subject to modifications without notice. © Silfab Solar Inc., 2022. Silfab Solar® is a registered trademark of Silfab Solar Inc.