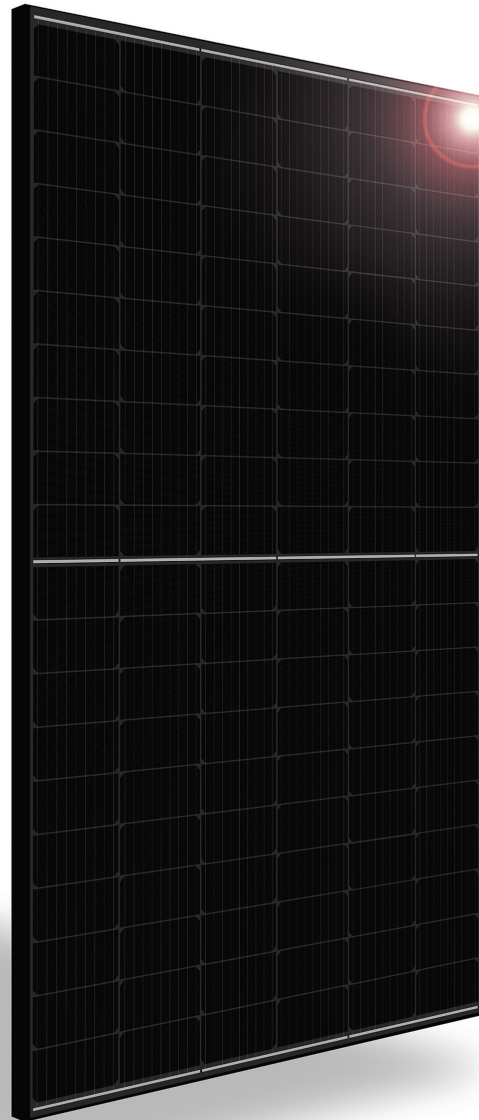


SILFAB PRIME

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



CHUBB®

* Chubb provides error and omission insurance to Silfab Solar Inc.

| 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/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 to +10W.

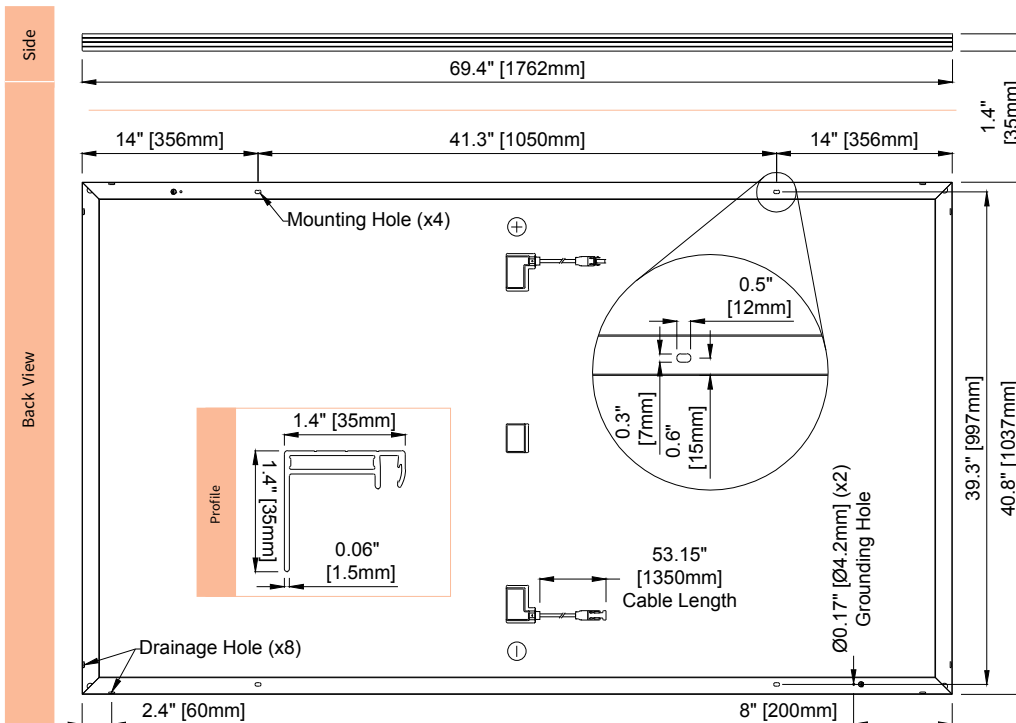
| MECHANICAL PROPERTIES / COMPONENTS | METRIC | IMPERIAL |
|--|---|--|
| Module weight | 19.5kg ±0.2kg | 43lbs ±0.4lbs |
| Dimensions (H x L x D) | 1762 mm x 1037 mm x 35 mm | 69.4 in x 40.8 in x 1.37 in |
| Maximum surface load (wind/snow)* | 5400 Pa rear load / 5400 Pa front load | 112.8 lb/ft ² rear load / 112.8 lb/ft ² 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 9 busbar - 83 x 166 mm | 120 Half cells - Si mono PERC 9 busbar - 3.26 x 6.53 in |
| Glass | 3.2 mm high transmittance, tempered, DSM antireflective coating | 0.126 in high transmittance, tempered, 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 silfabsolar.com
PAN files generated from 3rd party performance data are available for download at: silfabsolar.com/downloads



SILFAB SOLAR INC.

800 Cornwall Ave
Bellingham WA 98225 USA
T +1 360.569.4733
info@silfabsolar.com

SILFABSOLAR.COM

1770 Port Drive
Burlington WA 98233 USA
T +1 360.569.4733

240 Courtneypark Drive East
Mississauga ON L5T 2Y3 Canada
T +1 905.255.2501
F +1 905.696.0267

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