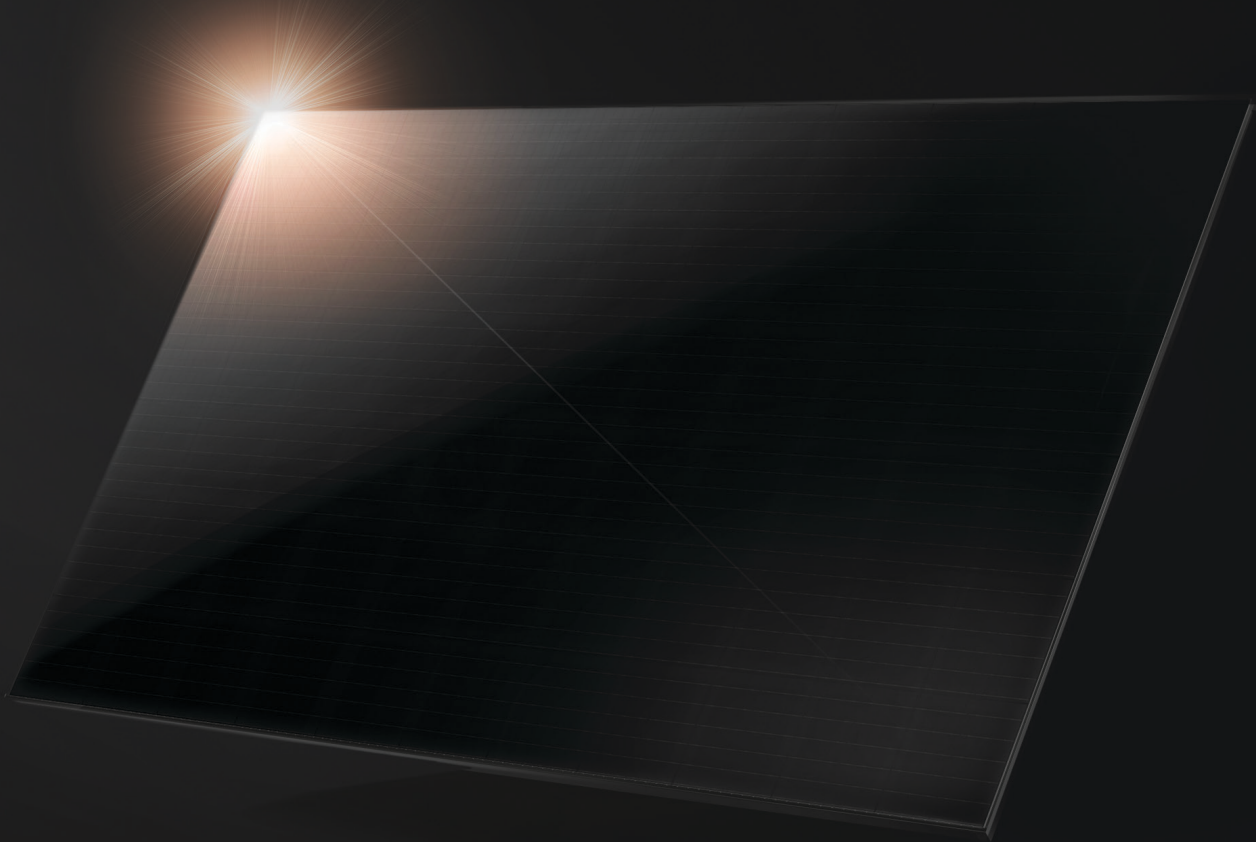


SILFAB ELITE

SIL-370/375/380 BK

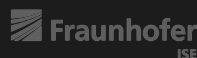


••• NOT JUST ANOTHER  
SOLAR PANEL.

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The highest efficiency solar panel (up to 21.4%)  
manufactured exclusively in the United States.

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

| ELECTRICAL SPECIFICATIONS     |    | 370      |        | 375   |        | 380   |       |
|-------------------------------|----|----------|--------|-------|--------|-------|-------|
| Test Conditions               |    | STC      | NOCT   | STC   | NOCT   | STC   | NOCT  |
| Module Power (Pmax)           | Wp | 370      | 277.78 | 375   | 282.05 | 380   | 284.6 |
| Maximum power voltage (Vpmax) | V  | 38.34    | 35.90  | 38.61 | 36.15  | 38.88 | 36.41 |
| Maximum power current (Ipmax) | A  | 9.69     | 7.74   | 9.77  | 7.80   | 9.79  | 7.82  |
| Open circuit voltage (Voc)    | V  | 44.76    | 42.01  | 44.94 | 42.18  | 45.13 | 42.36 |
| Short circuit current (Isc)   | A  | 10.33    | 8.32   | 10.41 | 8.39   | 10.50 | 8.46  |
| Module efficiency             | %  | 20.8     | 19.5   | 21.1  | 19.8   | 21.4  | 20.0  |
| 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.

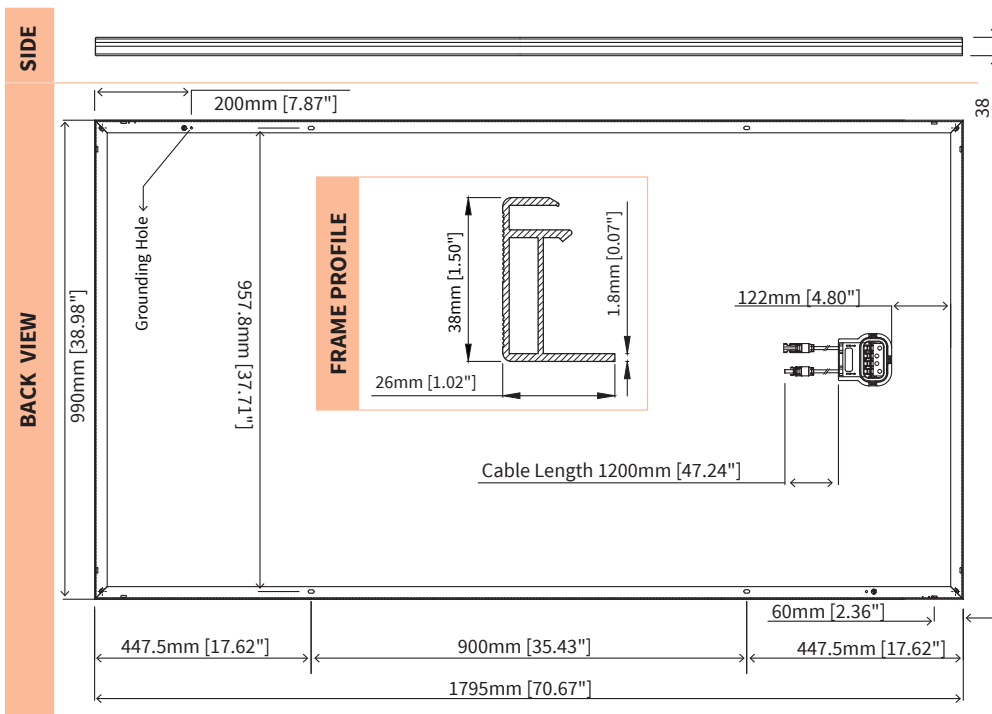
| MECHANICAL PROPERTIES / COMPONENTS                   | METRIC  | IMPERIAL   |
|--|---|--|
| Module weight  | 19.0±0.2 kg   | 41.9±0.4 lbs   |
| Dimensions (H x L x D)                               | 1795 mm x 990 mm x 38 mm  | 70.67 in x 38.98 in x 1.5 in                                       |
| Maximum surface load (wind/snow)*                    | 4000 Pa rear load / 5400 Pa front load  | 83.5/112.8 lb/ft <sup>2</sup>                                      |
| Hail impact resistance                               | ø 25 mm at 83 km/h  | ø 1 in at 51.6 mph   |
| Cells  | 66 high efficiency back contact mono-PERC c-Si cells  | 66 high efficiency back contact mono-PERC c-Si cells               |
| Glass  | 3.2 mm high transmittance, tempered, DSM anti-reflective coating  | 0.126 in high transmittance, tempered, DSM anti-reflective coating |
| Cables and connectors (refer to installation manual) | 1200 mm ø 5.7 mm, MC4 from Staubli  | 47.24 in, ø 0.22 in, MC4 from Staubli                              |
| Backsheet  | Multilayer, integrated insulation film and electrically conductive backsheet, superior hydrolysis and UV resistance, 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, IP67 rated   |  |

| TEMPERATURE RATINGS          |             | WARRANTIES  |   |
|------------------------------|-------------|---|---|
| Temperature Coefficient Isc  | +0.046 %/°C | Module product workmanship warranty<br>Linear power performance guarantee | 25 years**  |
| Temperature Coefficient Voc  | -0.279 %/°C |   | 30 years  |
| Temperature Coefficient Pmax | -0.377 %/°C |   | ≥ 97.1% end 1st yr<br>≥ 91.6% end 12th yr<br>≥ 85.1% end 25th yr<br>≥ 82.6% end 30th yr |
| NOCT (± 2°C)                 | 43.5 °C     |   |   |
| Operating temperature        | -40/+85 °C  |   |   |

| CERTIFICATIONS |   | SHIPPING SPECS      |                         |
|----------------|---|---------------------|-------------------------|
| Product        | ULC ORD C1703, UL1703, CEC listed, UL 61215-1/-1-1/-2, UL 61730-1/-2, IEC 61215-1/-1-1/-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 1 | 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](http://silfabsolar.com)



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### Silfab - SIL-370-BK-20210310

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