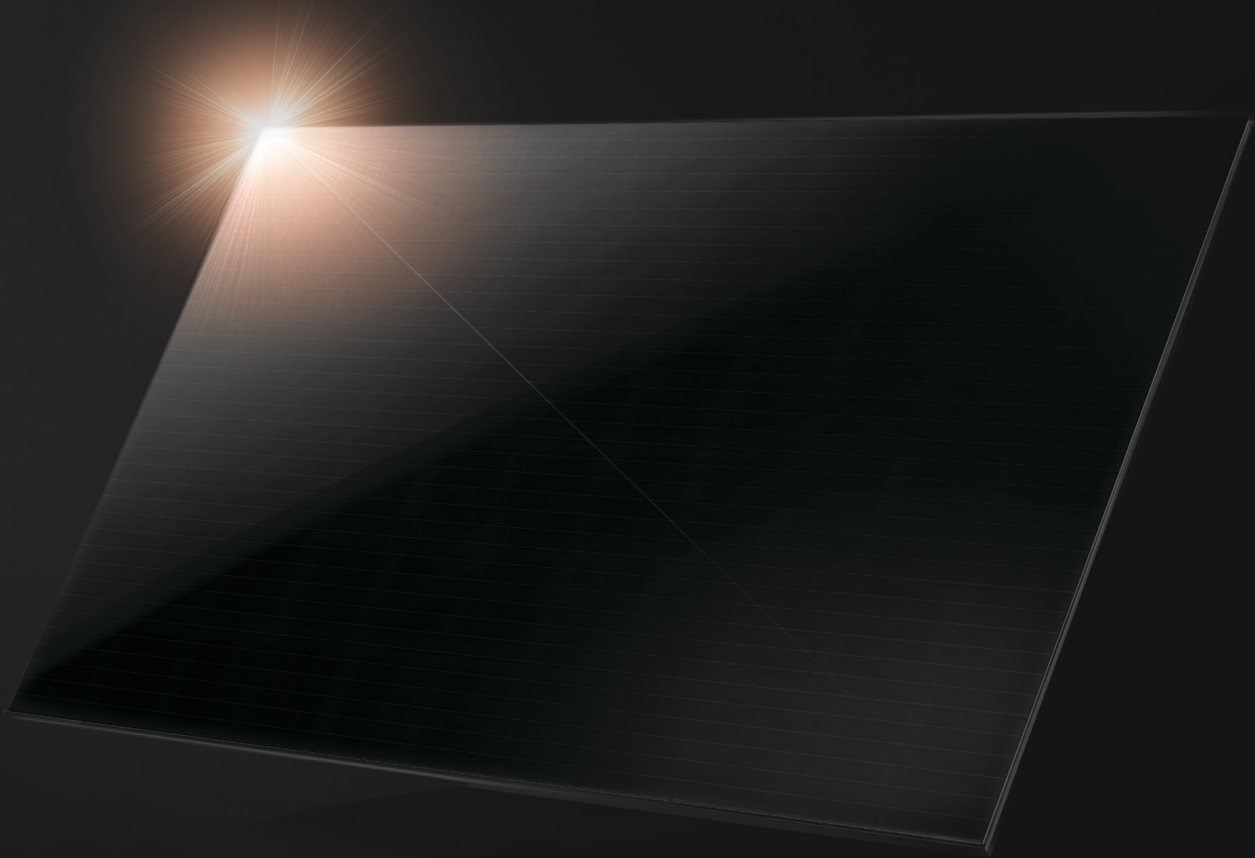


SILFAB ELITE

SIL - 370/375/380 BK

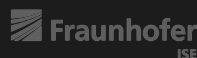


••• NOT JUST ANOTHER
SOLAR PANEL.

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

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CHUBB

* 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/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.

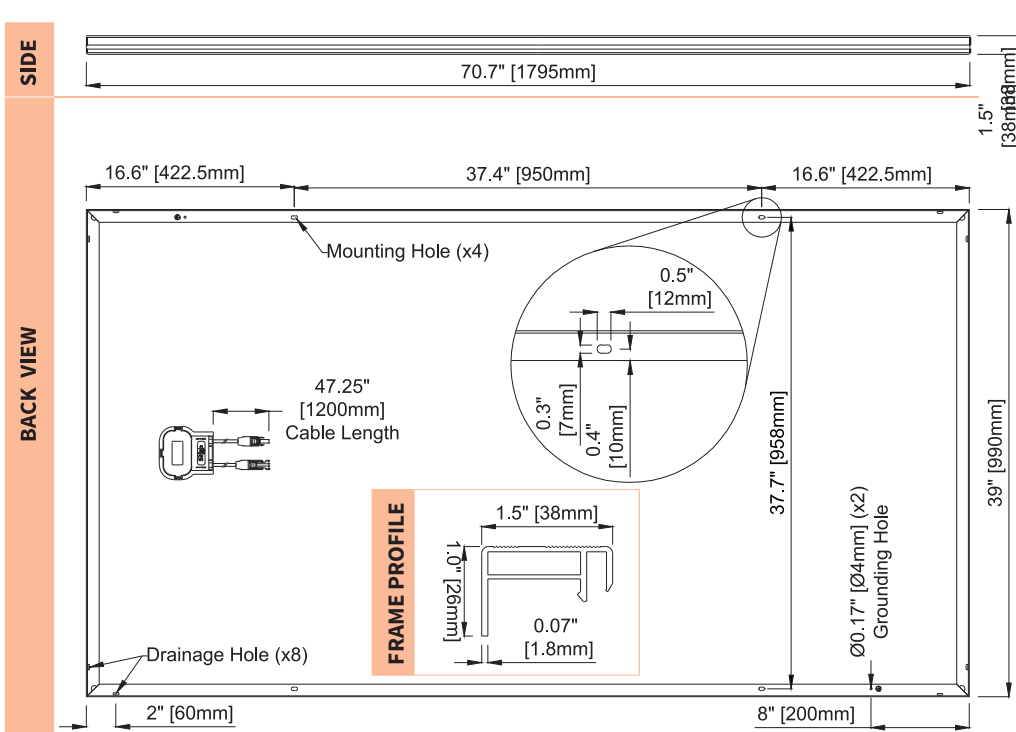
| MECHANICAL PROPERTIES / COMPONENTS | METRIC | IMPERIAL |
|--|---|--|
| Module weight | 19.0±0.2 kg | 41.9±0.4 lbs |
| Dimensions (H x L x D) | 1795 mm x 990 mm x 38 mm | 70.67 in x 38.98 in x 1.5 in |
| Maximum surface load (wind/snow)* | 4000 Pa rear load / 5400 Pa front load | 83.5/112.8 lb/ft ² |
| 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 | 25 years** |
| Temperature Coefficient Voc | -0.279 %/°C | Linear power performance guarantee | 30 years |
| Temperature Coefficient Pmax | -0.377 %/°C | | ≥ 97.1% end 1st yr ≥ 91.6% end 12th yr ≥ 85.1% end 25th yr ≥ 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
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

Silfab - SIL-370/375/380-BK-20210803

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