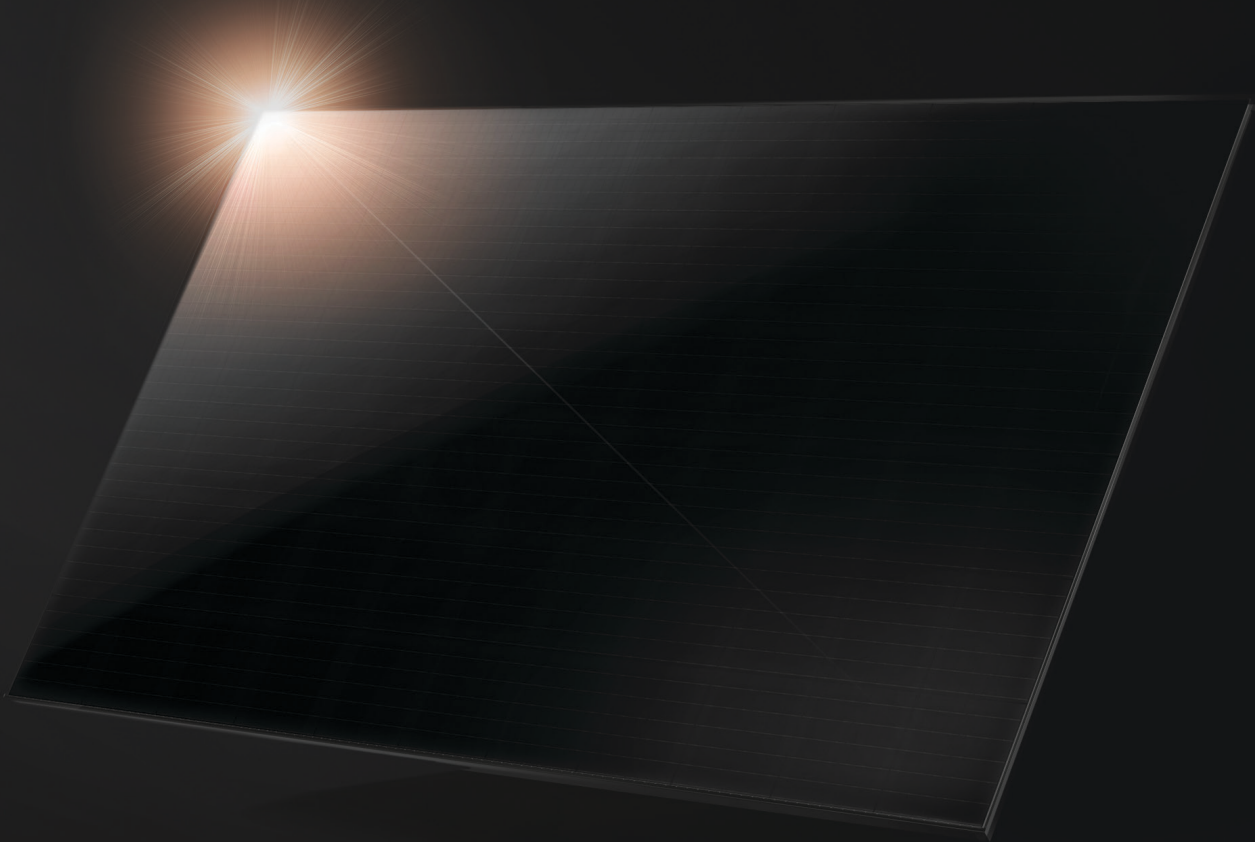


SILFAB ELITE

SIL-380 BK

SILFAB
SOLAR®

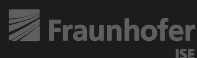


❖ NOT JUST ANOTHER
SOLAR PANEL.

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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. ** SIL-380BK

ELECTRICAL SPECIFICATIONS		380	
Test Conditions		STC	NOCT
Module Power (Pmax)	Wp	380	284.6
Maximum power voltage (Vpmax)	V	38.88	36.41
Maximum power current (Ipmax)	A	9.79	7.82
Open circuit voltage (Voc)	V	45.13	42.36
Short circuit current (Isc)	A	10.50	8.46
Module efficiency	%	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.

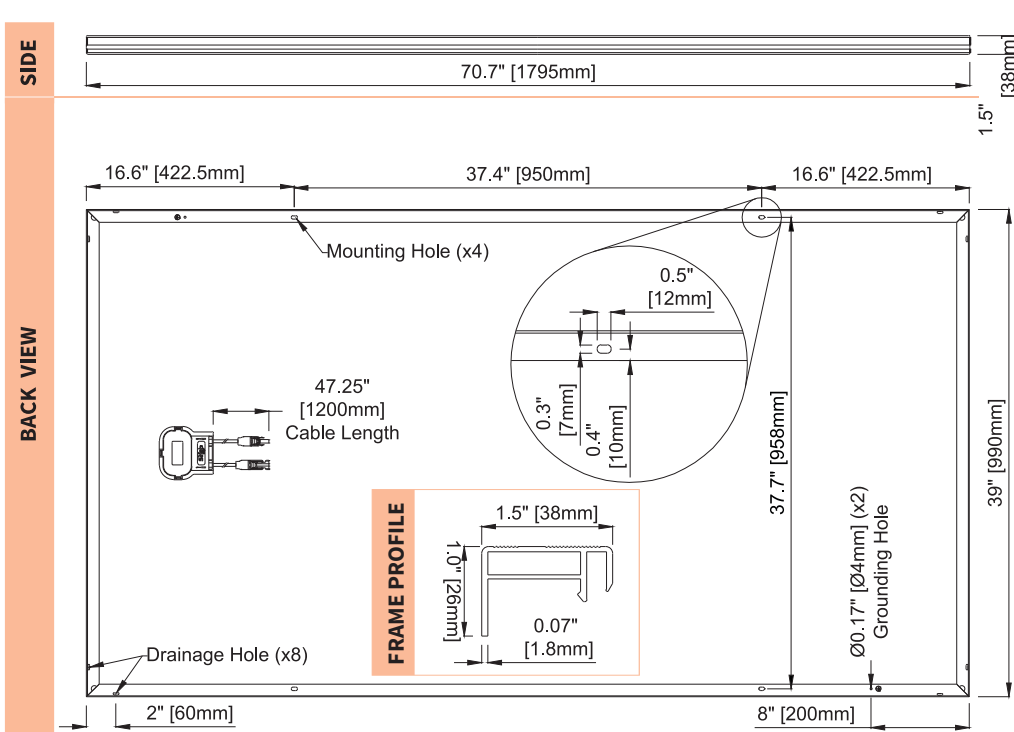
MECHANICAL PROPERTIES / COMPONENTS	METRIC	IMPERIAL
Module weight	19.0±0.2 kg	41.9±0.4 lbs
Dimensions (H x L x D)	1795 mm x 990 mm x 38 mm	70.67 in x 38.98 in x 1.5 in
Maximum surface load (wind/snow)*	4000 Pa rear load / 5400 Pa front load	83.5/112.8 lb/ft ²
Hail impact resistance	ø 25 mm at 83 km/h	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
NOCT (± 2°C)	43.5 °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 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



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