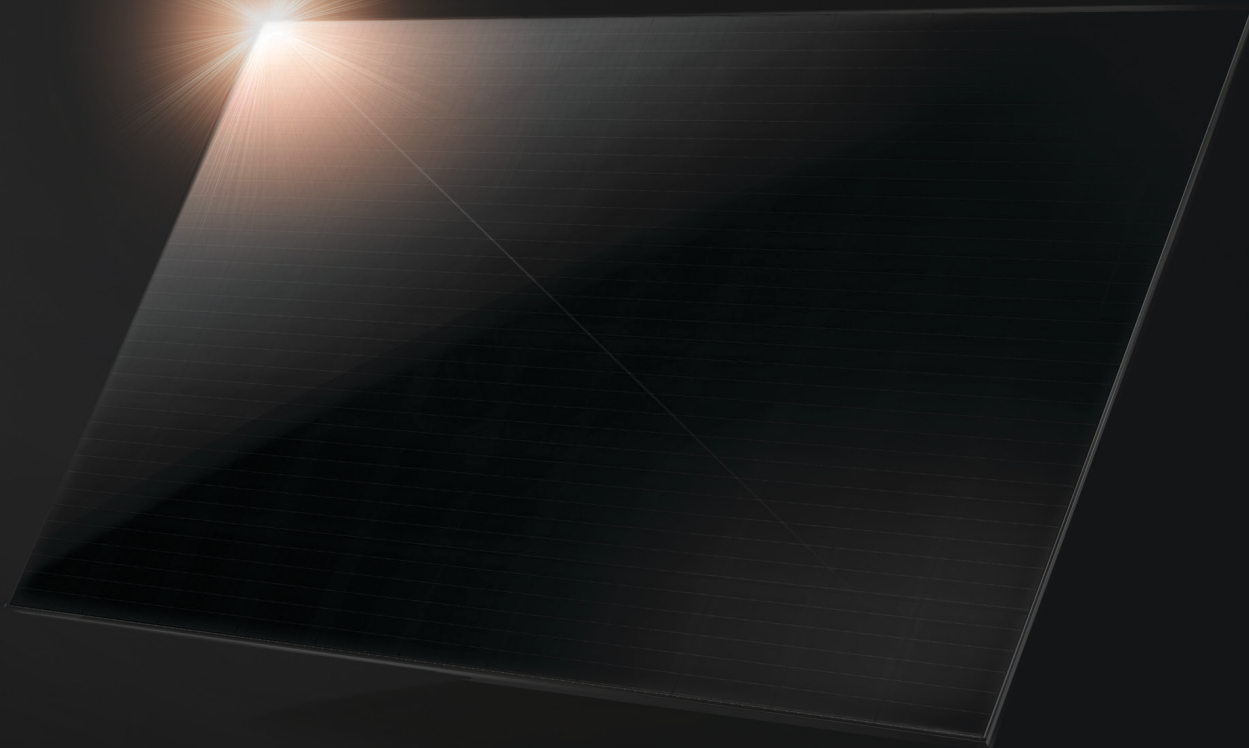


SILFAB ELITE

SIL-370/375/380 BK



• NOT JUST ANOTHER
SOLAR PANEL.

Introducing Silfab Elite.

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

SILFABELITE.COM



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.

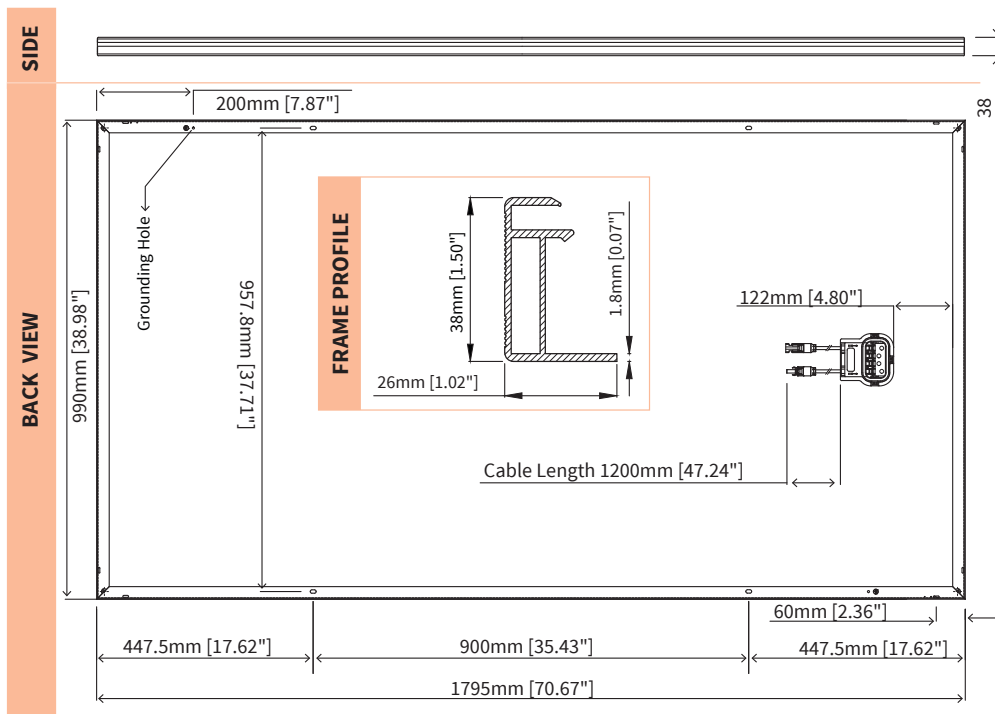
MECHANICAL PROPERTIES / COMPONENTS	METRIC	IMPERIAL
Module weight	19.0±0.2 kg	41.9±0.4 lbs
Dimensions (H x L x D)	1795 mm x 990 mm x 38 mm	70.67 in x 38.98 in x 1.5 in
Maximum surface load (wind/snow)*	4000 Pa rear load / 5400 Pa front load	83.5/112.8 lb/ft ²
Hail impact resistance	ø 25 mm at 83 km/h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



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