

Electrical Specifications		SIL-370 NX mono PERC	
Test Conditions		STC	NOCT
Module Power (Pmax)	Wp	370	266
Maximum power voltage (Vpmax)	V	37.2	33.7
Maximum power current (Ipmax)	A	10.0	7.9
Open circuit voltage (Voc)	V	44.8	40.7
Short circuit current (Isc)	A	10.6	8.3
Module efficiency	%	20.2	18.2
Maximum system voltage (VDC)	V		1000
Series fuse rating	A		20
Power Tolerance	Wp		±3%
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 ±3%.			
Temperature Ratings		SIL-370 NX mono PERC	
Temperature Coefficient Isc		+0.064 %/°C	
Temperature Coefficient Voc		-0.28 %/°C	
Temperature Coefficient Pmax		-0.36 %/°C	
NOCT (± 2°C)		46 °C	
Operating temperature		-40/+85 °C	
Mechanical Properties and Components		SIL-370 NX mono PERC	
		Metric	Imperial
Module weight		20±0.2 kg	44±0.4 lbs
Dimensions (H x L x D)		1832 mm x 1000 mm x 38 mm	72.13 in x 39.4 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 - Si mono-PERC - 5 busbar 158.75 x 158.75 mm	66 - Si mono-PERC - 5 busbar 62.25 x 62.25 in
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	47.2 in, Ø 0.22 (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, IP67 rated	
Warranties		SIL-370 NX mono PERC	
Module product workmanship warranty		25 years**	
Linear power performance guarantee		30 years	
		≥ 97.1% end 1 <sup>st</sup> year   ≥ 91.6% end 12 <sup>th</sup> year   ≥ 85.1% end 25 <sup>th</sup> year   ≥ 82.6% end 30 <sup>th</sup> year	
Certifications		SIL-370 NX mono PERC	
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 2	
Factory		ISO9001:2015	

All states except California California  
 ■ Modules Per Pallet: 26 ■ Modules Per Pallet: 26  
 ■ Pallets Per Truck: 34 ■ Pallets Per Truck: 32  
 ■ Modules Per Truck: 884 ■ Modules Per Truck: 832

\*▲ 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 www.silfabsolar.com.

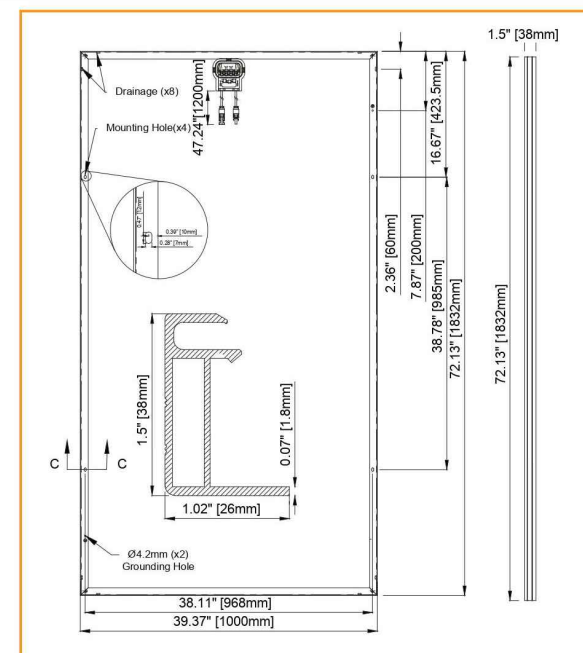
\*\*\*Certification and CEC listing in progress.

PAN files generated from 3rd party performance data are available for download at: www.silfabsolar.com/downloads.



Silfab Solar Inc.  
 240 Courtneypark Drive East  
 Mississauga ON L5T 2Y3 Canada  
 Tel +1 905-255-2501 | Fax +1 905-696-0267  
 info@silfabsolar.com | www.silfabsolar.com

Silfab Solar Inc.  
 800 Cornwall Ave  
 Bellingham WA 98225 USA  
 Tel +1 360-569-4733



SIL-370-NX-2021 0304 • No reproduction of any kind is allowed. Data and information is subject to modifications without notice. ©Silfab, 2021.



REVISIONS		
DESCRIPTION	DATE	REV

Signature with Seal

DATE: 8/25/2021

PROJECT NAME & ADDRESS

CALVIN JUDE  
 RESIDENCE  
 12746 BROADSTREET AVE.,  
 DETROIT, MI 48238

SHEET NAME  
**EQUIPMENT SPECIFICATION**

SHEET SIZE  
**ANSI B  
 11" X 17"**

SHEET NUMBER  
**PV-6**