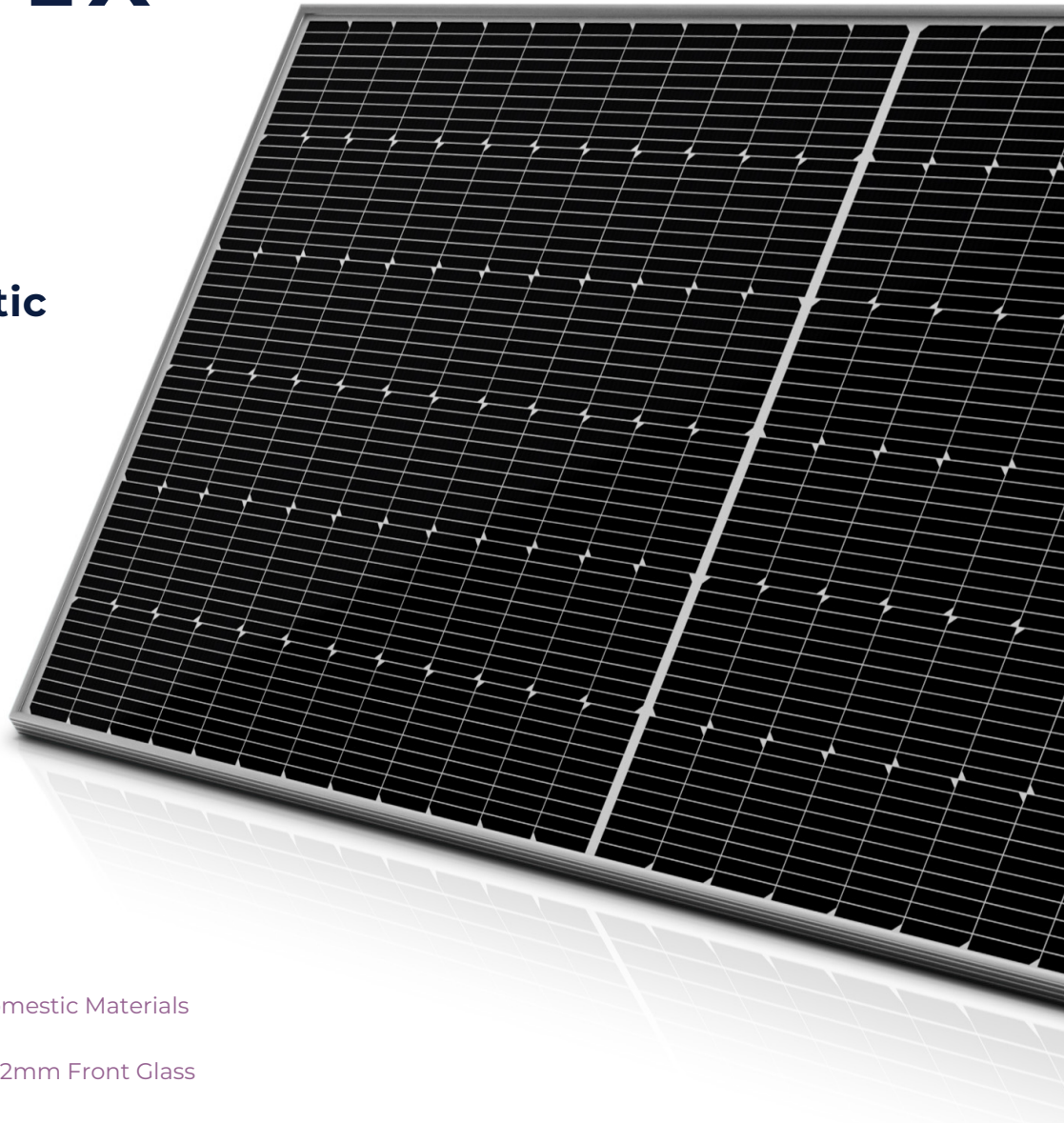




Premium **Domestic** Solar Modules



High Bifacial Performance



Built with High-Quality Domestic Materials



Durable Fully Tempered 3.2mm Front Glass

Solx is 100% domestic owned, operated, and free of foreign interest.

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Proudly Assembled in Puerto Rico

ELECTRICAL SPECIFICATIONS

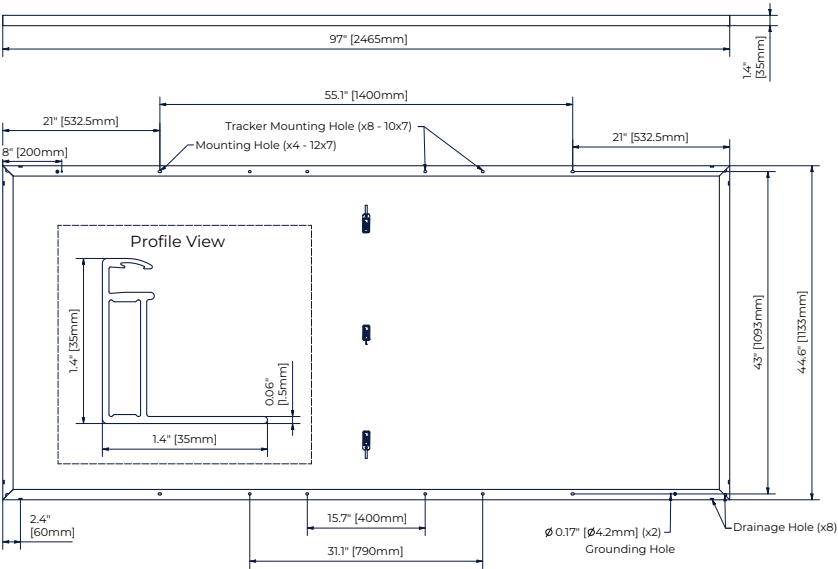
		620			625			630			635			640		
Test conditions		STC	BSTC	NOCT	STC	BSTC	NOCT	STC	BSTC	NOCT	STC	BSTC	NOCT	STC	BSTC	NOCT
Module power (Pmax)	Wp	620	686.96	463.48	625	692.50	467.22	630	698.04	470.96	635	703.58	474.70	640	709.12	478.44
Voltage at maximum power (Vmp)	V	48.16	48.16	44.95	48.32	48.31	45.10	48.47	48.47	45.24	48.63	48.63	45.39	48.78	48.78	45.53
Current at maximum power (Imp)	A	12.87	14.26	10.31	12.94	14.33	10.36	13.00	14.40	10.41	13.06	14.47	10.46	13.12	14.54	10.51
Open circuit voltage (Voc)	V	57.21	57.50	53.85	57.35	57.64	53.98	57.49	57.78	54.11	57.63	57.92	54.24	57.76	58.05	54.37
Short circuit current (Isc)	A	13.55	15.01	10.91	13.61	15.07	10.96	13.66	15.13	11.00	13.71	15.19	11.05	13.76	15.25	11.09
Module efficiency	%	22.2			22.38			22.56			22.74			22.92		
Maximum system voltage	V	1500			1500			1500			1500			1500		
Series fuse rating	A	30			30			30			30			30		
Power tolerance	%	±2.5			±1			±1			±1			±1		
Bifaciality factor	%	80±10			80±10			80±10			80±10			80±10		

Performance conditions: Measurement tolerance ≤ 3% · Standard Test Conditions (STC): 1000 W/m², AM 1.5, Temperature 25 °C · Nominal Operating Cell Temperature (NOCT): 800 W/m², AM 1.5 · Bifacial Standard Test Conditions (BSTC): 1000 W/m2 + ϕ × 135 W/m2 , ϕ = 80 % , AM 1.5 · Electrical characteristics may vary by ±5%.

MECHANICAL PROPERTIES

	Imperial Metric
Module weight (± 0.75%)	65.8 lbs (29.5 kg)
Dimensions (H x L x D)	97.0 in x 44.6 in x 1.4 in (2465 mm x 1133 mm x 35 mm)
Maximum load (wind/snow)*	50.1 lb/ft² [rear] 112.8 lb/ft² [front] 2400 Pa [rear] 5400 Pa [front]
Hail impact resistance	1 in @ 51.6 mph 25 mm @ 83 km/h
Cells	156 half cell - N-type silicon
Glass	0.126 in (3.2 mm) thick, heat strengthened, antireflective coating
Cables	(+) 53.1 in / (-) 13.8 in, 12 AWG (+)1350 mm / (-)350 mm, 4 mm²
Junction Box / Connectors	IP68 rated, 3 diodes / Staübli EVO2
Backsheet	High durability, multi-layer dielectric transparent PV backsheet

CERTIFICATIONS: UL 61215, UL 61730, UL Fire Rating: Type 1



TEMPERATURE RATINGS

Temperature Coefficient Isc	0.04 %/°C
Temperature Coefficient Voc	-0.24 %/°C
Temperature Coefficient Pmax	-0.29 %/°C
NOCT (± 2°C)	45°C
Operational Temperature	-40/+85°C

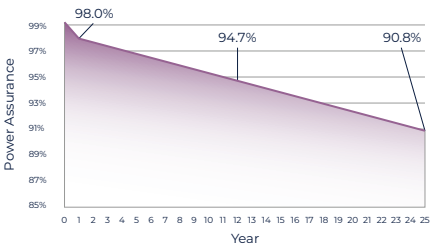
SHIPPING SPECS

Modules per pallet	31
Pallets per 53' trailer	19
Modules per 53' trailer	589

WARRANTIES

Product workmanship warranty	12 years
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Linear Power Performance Guarantee



⚠ Warning. Read the Safety and Installation Manual for mounting specifications and before handling, installing and operating modules.

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