

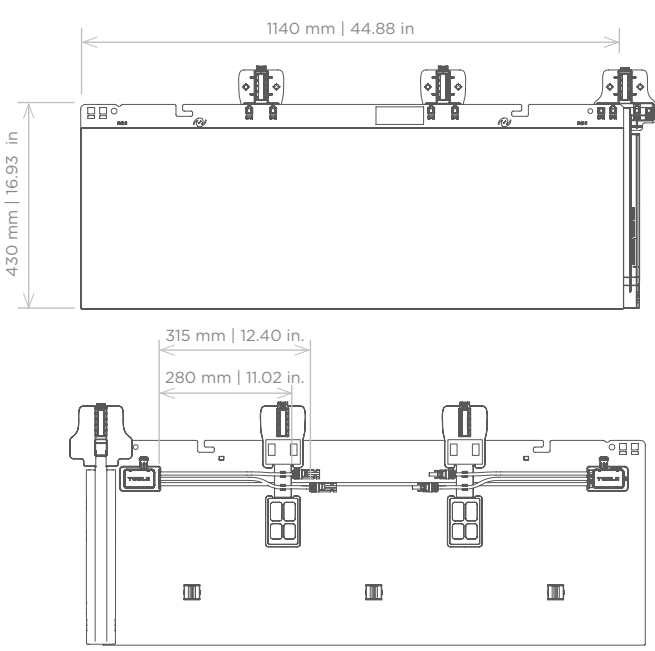
Tesla Photovoltaic Module

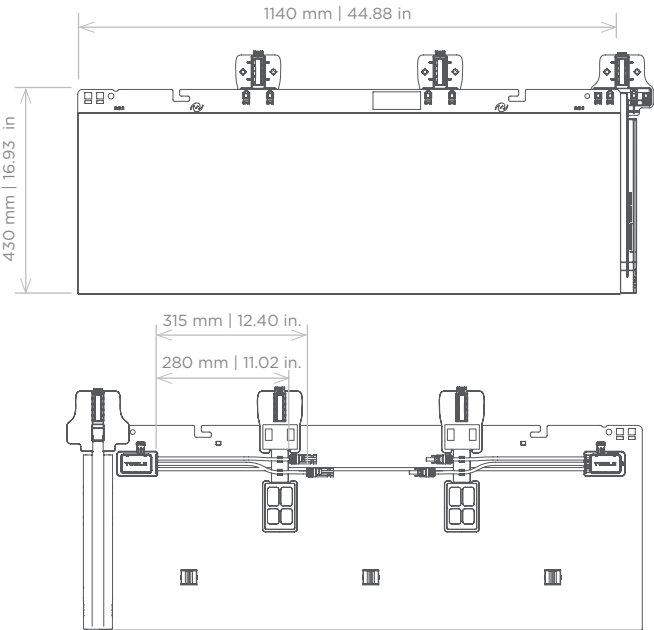
SR72T2 with SR-SAUL-2

Solar Roof shingle tiles are an aesthetically unparalleled solar energy solution. The combination of energy producing and non-energy tiles allows a Solar Roof to be functionally integrated and customizable to a variety of roof shapes and sizes.



Module Specifications

Electrical Characteristics		System Certifications	
Power Class	SR72T2	UL 61730 (UL Listed)	
Test Method	STC	UL 9703 (UL Listed)	
Max Power, P _{MAX} (W)	72	UL 1741 (UL Listed)	
Open Circuit Voltage, V _{OC} (V) per diode	14.20	UL 3741 (UL Listed)	
		UL 790 Class C (ETL Listed)	
Short Circuit Current, I _{SC} (A)	6.80	ASTM D3161 Class F (ETL Listed)	
Max Power Voltage, V _{MP} (V)	11.30	TAS100 (ETL Listed)	
Max Power Current, I _{MP} (A)	6.30		
STC	1000 W/m², 25°C, AM 1.5 spectrum		
Mechanical Loading		Temperature Rating (STC)	
Wind Rating	Up to 87 m/s 194 mph	Temperature Coefficient of I _{sc}	0.038 % / °C
Roof Snow Load	Up to 1280 kg/m² 263 lbs/ft² surface-normal Up to 270 kg/m² 55 lbs/ft² shear	Temperature Coefficient of V _{OC}	-0.267 % / °C
Hailstone Rating	FM 4473 Class 3 (Intertek)	Temperature Coefficient of P _{MAX} (W)	-0.372 % / °C
Mechanical Parameters			
Cells	14		
Junction Box	IP68, 1 diodes		
Cable	12 AWG PV Wire, 90 °C wet or dry, Long lead 315 mm 12.40 in. length Short lead 280 mm 11.02 in. length		
Connector	Staubli MC4 type PV-KST4/6II-UR or type PV-KST4-EVO2 (male) and Staubli MC4 type PV-KBT4/6II-UR or type PV-KBT4-EVO2 (female)		
Principal Materials	Glass, Polymers, Fiberglass and Silicon		
Height From Deck	35.3 mm 1.39 in		
Installed System Weight	15 kg/m² 3.1 lb/ ft²		
Dimension	430 mm x 1140 mm x 5 mm 16.93 in x 44.88 in x .20 in		
Operation Parameters			
Operational Temperature	-40 °C up to 85 °C		
Power Output Tolerance	-0 /+5 %		
Max System Voltage	DC 1000 V (IEC/UL) for installations above 2000m but below 3000m the system voltage is 877 V		
Max Series Fuse Rating	10 A		
Safety Class	Class II		
Fire Rating	UL 61730 Class A		
Limited Warranties			
Module Warranty	25 years		
The power output capacity of your Solar Roof will be at least 95% of maximum rated output power of the Solar Roof system at 5 years after install. The power output capacity will decline by no more than 0.5% per year for the following 20 years. This warranty covers the power your Solar Roof will produce under standard test conditions.			



ROOFING MODULES, FULL AND PARTIAL

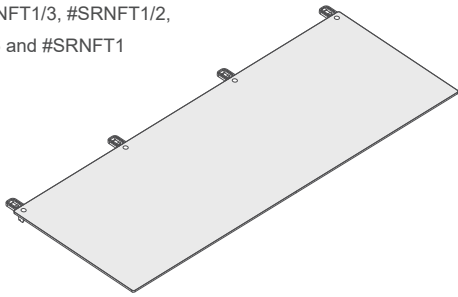
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#SRNFT2/3, #SRNFT5/6 and #SRNFT1

Listed to UL 61730

Listed to UL 790 Class A

ASTM D3161 Class F

TAS100



PV MODULE

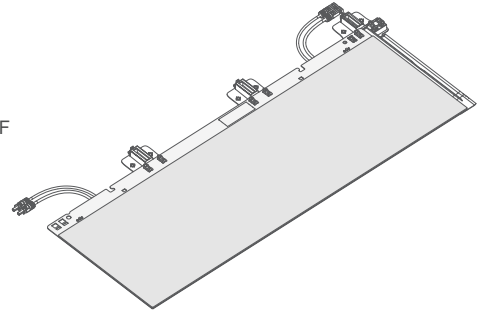
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UL 61730, UL 3741

UL 790 Class A

ASTM D3161 Class F

TAS100



METAL TILES, FULL AND PARTIAL

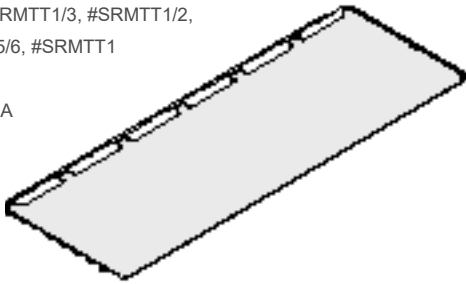
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Listed to UL 1897

Listed to UL 790 Class A

ASTM D3161 Class F

TAS100



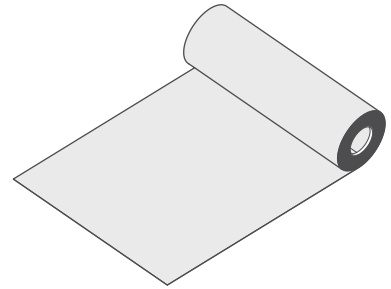
UNDERLAYMENT

Model #SR-SAUL-2

ASTM D1970/ICC AC48

ICC AC188

ASTM E108 Class C



PASS THROUGH BOX

Model #SRPTB-4

UL 1741, File #E318357

