

# PV - Element SI 544 T2



## Physical specification

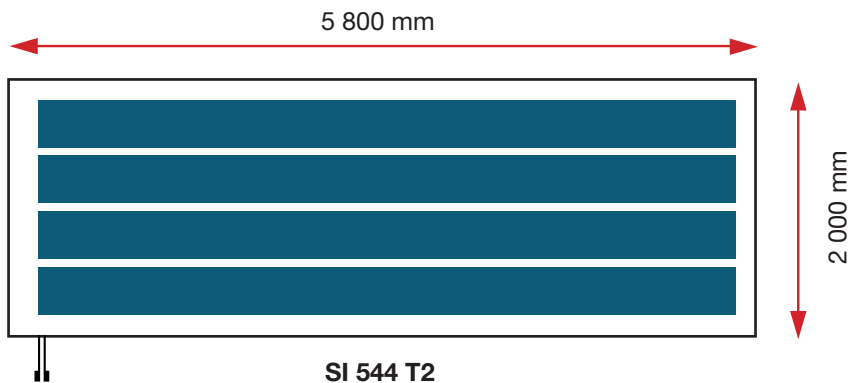
Length	5,80 m
Width	2,00 m
Sarnafil FPO Membrane	TS 77-20
Colour	Beige
Uni-Solar 22-L-B connected in series	4
Weight	56,3 kg
Specific Weight	4,9 kg/m <sup>2</sup>
Weight with packaging (2 x SI 544 T2)	136,0 kg

## Electrical specification 8-10 Weeks

Rated Power P <sub>mpp</sub> (STC)	544,0 Wp	+15%
Open-Circuit Voltage V <sub>oc</sub> (STC)	185,0 V	
Operating Voltage V <sub>mpp</sub> (STC)	132,0 V	+11%
Short-Circuit Current I <sub>sc</sub> (STC)	5,10 A	+ 4%
Operating Current I <sub>mpp</sub> (STC)	4,13 A	+ 4%
Temperature-Coefficient of P <sub>mpp</sub>	-0,21 %/K	
Temperature-Coefficient of V <sub>oc</sub>	-0,38 %/K	
Temperature-Coefficient of V <sub>mpp</sub>	-0,31 %/K	
Temperature-Coefficient of I <sub>sc</sub>	+0,10 %/K	
Temperature-Coefficient of I <sub>mpp</sub>	+0,10 %/K	
System Voltage max.	1000 V	
Series Fuse Rating	8 A	
Minimum Blocking Diode	8 A	

## Quality specification

Tolerance Of Rated Power	±5% (Single 22-L-B Laminate at STC)
Warranty On Power Output	20 years for 80% of Rated Power P <sub>mpp</sub> (STC)
Protection Against Electrical Shock	Safety Class II (TÜV)
Certified	IEC 61646
Connectors	Multi Contact MC 4 PV-KST4/PV-KBT4



Smallest packaging unit:  
2 x SI 544 T2