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# SI-M2 288

Solar Integrated - PV element - metal substrate

Electrical specification	SI-M2 288	first 8-10 weeks
Rated Power $P_{mpp}$ (STC)	288,0 Wp	+15%
Open-Circuit Voltage $V_{oc}$ (STC)	92,4 V	
Operating Voltage $V_{mpp}$ (STC)	66,0 V	+11%
Short-Circuit Current $I_{sc}$ (STC)	5,30 A	+ 4%
Operating Current $I_{mpp}$ (STC)	4,37 A	+ 4%
Temperature-Coefficient of $P_{mpp}$	-0,21 %/K	
Temperature-Coefficient of $V_{oc}$	-0,38 %/K	
Temperature-Coefficient of $V_{mpp}$	-0,31 %/K	
Temperature-Coefficient of $I_{sc}$	+0,10 %/K	
Temperature-Coefficient of $I_{mpp}$	+0,10 %/K	
System Voltage max.	1000 V	
Series Fuse Rating	8 A	
Minimum Blocking Diode	8 A	

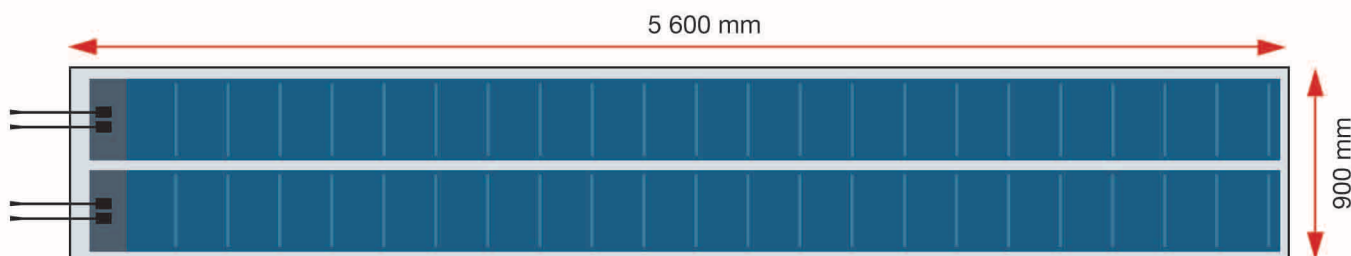
  

Quality specification	
Tolerance of Rated Power	±5% (Single 22-L Laminate at STC)
Warranty on Power Output	20 years for 80% of Rated Power $P_{mpp}$ (STC)
Safety	IEC 61730 - in progress
Design qualification	IEC 61646
Connectors - top mounted with cables	Multi Contact MC 3

Physical specification	
Length	5 600 mm
Width	900 mm
Metal substrate	aluminium zinc coated steel sheet
Colour	aluminium
Photovoltaic modules	2 x UNI-SOLAR® PVL
Weight	45,0 kg
Specific Weight	9,0 kg/m <sup>2</sup>

subject to modification



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