



**swissTile®**  
*Description*

Electrical Performance	Number and size of cells	pcs	6 x 125x125 mm	
	<b>Nominal power</b>	<b>Wp</b>	<b>18 (±5%)</b>	
	Maximum power point voltage	V <sub>mpp</sub>	V	3.3
	Max. power point current	I <sub>mpp</sub>	A	5.61
	Open circuit voltage	V <sub>oc</sub>	V	4
	Short circuit current	I <sub>sc</sub>	A	6.03
	Standard Test Conditions STC	1 000 W/m <sup>2</sup> , AM 1.5, Cell-T 25°C		
Design Condition	Module Encapsulation	Glas/Tedlar		
	Bypass Diode (I <sub>F</sub> )	A	10	
	Max. systems voltage	V	600	
	Operating temperature	°C	-20 to 80	
	Storage temperature	°C	-20 to 50	
	Snowfall pressure	Pa	below 2000	
	Wind pressure	Pa	below 3000	
Connexion	Flat connector			
Packing	Size/SwissTile/visible	mm	400x720 / 400x300	
	Weight (net) approx.	kg	4.3	
	Nbr. of SwissTile/container	pcs	66	
Certif	IEC 61215 ed 2	in progress		
	Class II 600VDC	in progress		
Guarantee	Power (90% of min. power)	Year	10	
	Power (80% of min. power)	Year	20	
***	SwissTile/m <sup>2</sup>	pcs	8	
	<b>Power/m<sup>2</sup></b>	<b>Wp</b>	<b>144 (±5%)</b>	