



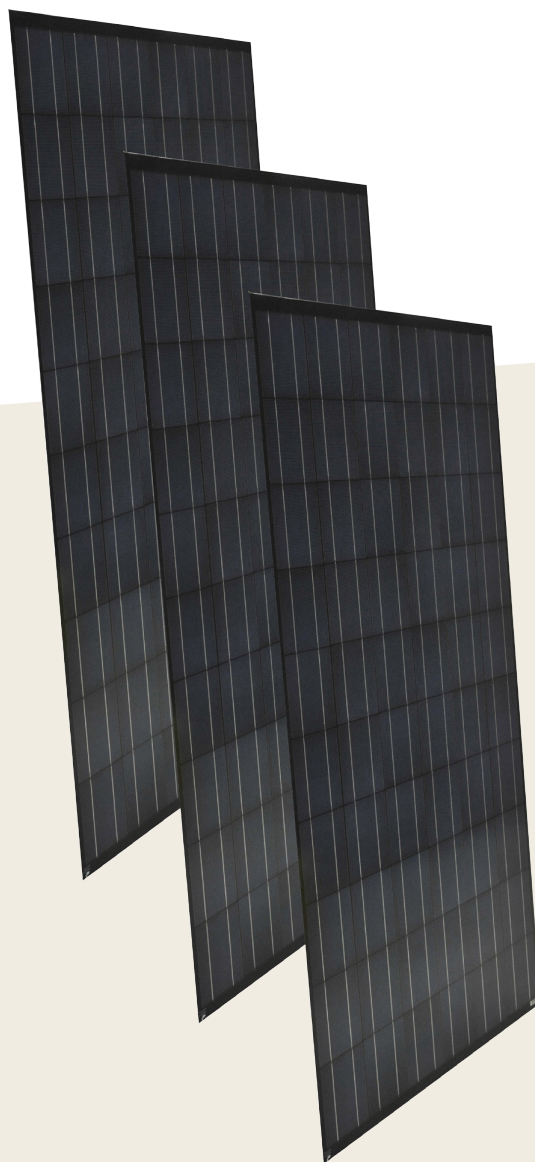
# SOLUXTEC

DIE MODUL MANUFAKTUR  
100% MADE IN GERMANY

## SOLUXTEC POWERSLATE

Multi Serie The Frameless one

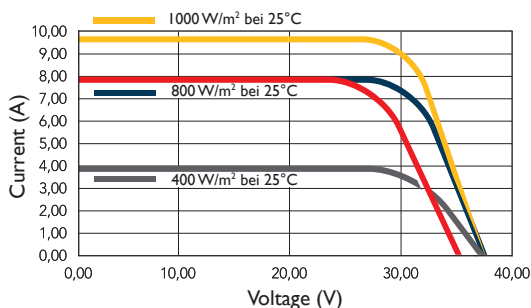
-  20 year warranty
-  Low carbon footprint
-  Extremely lightweight Design
-  100% Quality Assurance
-  Linear Performance Guarantee
-  2400 Pa max load capacity
-  Innovative Junction Box
-  Excellent thermal Properties
-  Positive performance Tolerance



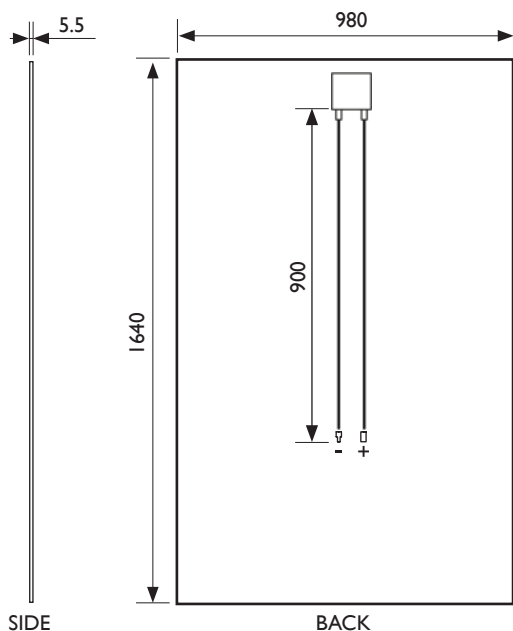
# SOLUXTEC POWERSLATE

## Multi Serie The Frameless one

### I-V CURVES



### MODULE DIMENSIONS



### ELECTRICAL PERFORMANCE UNDER STANDARD TEST CONDITIONS, 1000 W/m<sup>2</sup>, AM=1.5

Maximum Power	P <sub>max</sub>	Wp	250	255	260	265
Open Circuit Voltage	V <sub>oc</sub>	V	37,90	37,92	37,95	37,97
Short Circuit	I <sub>sc</sub>	A	8,75	8,84	8,91	8,96
Maximum Power Point Voltage	V <sub>mpp</sub>	V	30,40	30,60	30,80	31,05
Maximum Power Point Current	I <sub>mpp</sub>	A	8,25	8,34	8,45	8,55
Efficiency	%		15,48	15,75	16,06	16,52

### ELECTRICAL PERFORMANCE UNDER NOCT, 800 W/m<sup>2</sup>, AM=1.5, T=20°C

Maximum Power	P <sub>max</sub>	Wp	185	189	193	195
Open Circuit Voltage	V <sub>oc</sub>	V	34,70	34,80	34,90	35,2
Short Circuit	I <sub>sc</sub>	A	7,12	7,14	7,17	7,20
Maximum Power Point Voltage	V <sub>mpp</sub>	V	27,80	28,20	28,60	28,68

### THERMAL CHARACTERISTICS

STC	25°
NOCT	45°
TC I <sub>sc</sub>	+0,052%/K
TC v <sub>oc</sub>	- 0,335%/K
TC P <sub>mpp</sub>	- 0,440%/K

### COMPONENTS

Cells Number	60
Technology	polycrystalline silicon
Cell Dimension	156 x 156 mm
Junction Box	IP 67 ventilated
Connector	MC4
Glass	tempered+patterned
Glass Thickness	4,0 mm

### GENERAL CHARACTERISTICS

Module Weight	18,5 kg
Color	black / white
Total Thickness	5.5 mm

### INTEGRATION CHARACTERISTICS

Max. System Voltage	1000 Vdc
Protection Class	A
Operating Temperature Range	- 40 ... + 80
Max. Reserve Current	16 A

### CERTIFICATIONS

IEC 61215  
EN 61730

### PERFORMANCE WARRANTY

Linear  
80,20% after 25 years

### PRODUCT WARRANTY

20 years

### POWER TOLERANCE\*

0/+3% auf P<sub>mpp</sub>  
PFlash > P<sub>mpp</sub>

This data Sheet complies with the requirements of EN 50380.  
Soluxtec reserves the right to make specification changes without prior notice (2017).  
\* Flasher AAA, Power tolerance measurement of +/- 3%.



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