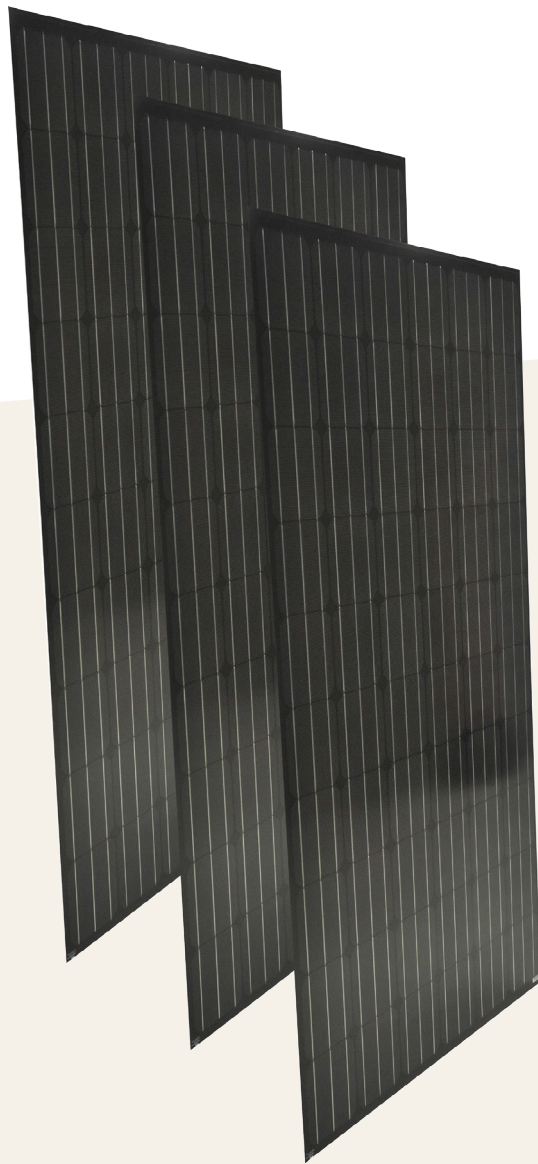




SOLUXTEC

DIE MODUL MANUFAKTUR
100% MADE IN GERMANY



SOLUXTEC POWERSLATE

Mono 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

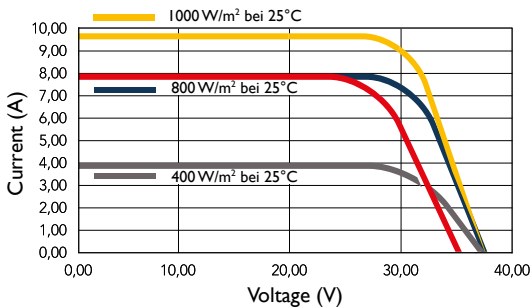


THIS DATA SHEET COMPLIES WITH THE REQUIREMENT OF EN 50380. SOLUXTEC RESERVES THE RIGHT TO MAKE SPECIFICATION CHANGES WITHOUT PRIOR NOTICE (2017)

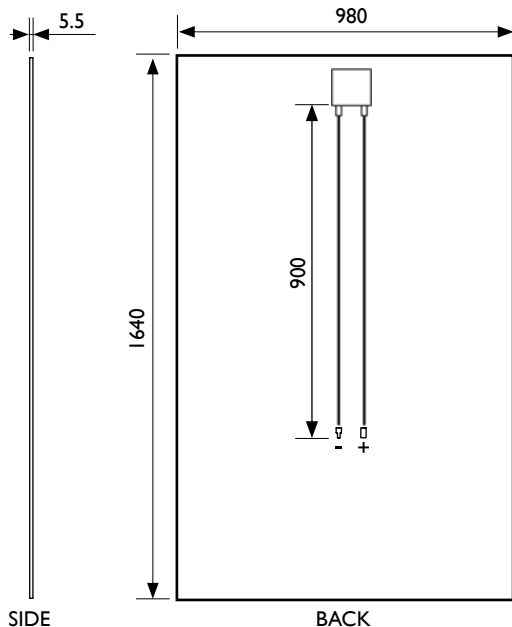
SOLUXTEC POWERSLATE

Mono Serie The Frameless one

I-V CURVES



MODULE DIMENSIONS



ELECTRICAL PERFORMANCE UNDER STANDARD TEST CONDITIONS, 1000 W/m², AM=1.5

Maximum Power	Pmax	Wp	275	280	285	290	295	300
Open Circuit Voltage	Voc	V	38,05	38,25	38,45	38,70	39,10	39,45
Short Circuit	Isc	A	9,06	9,14	9,25	9,52	9,76	9,90
Maximum Power Point Voltage	Vmpp	V	31,80	31,85	31,90	31,95	32,05	32,15
Maximum Power Point Current	Impp	A	8,65	8,80	8,95	9,10	9,22	9,35
Efficiency	%		16,98	17,30	17,60	17,90	18,20	18,50

ELECTRICAL PERFORMANCE UNDER NOCT, 800 W/m², AM=1.5, T=20°C

Maximum Power	Pmax	Wp	201	205	209	213	216	220
Open Circuit Voltage	Voc	V	35,10	35,10	35,15	35,25	35,50	36,25
Short Circuit	Isc	A	7,24	7,32	7,40	7,62	7,81	7,92
Maximum Power Point Voltage	Vmpp	V	29,02	29,10	29,15	29,20	29,30	29,40
Maximum Power Point Current	Impp	A	6,93	7,05	7,20	7,30	7,40	7,50

THERMAL CHARACTERISTICS

STC	25°
NOCT	45°
TC Isc	+0,042%/K
TC voc	- 0,30%/K
TC Pmpp	- 0,39%/K

COMPONENTS

Cells Number	60
Technology	monocrystalline 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	IEC 61701
EN 61730	

PERFORMANCE WARRANTY

Linear	80,20% after 25 years
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PRODUCT WARRANTY

20 years

POWER TOLERANCE*

0/+3% auf Pmpp
PFlash > Pmpp

This data Sheet complies with the requirements of EN 50380.
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* Flasher AAA, Power tolerance measurement of +/- 3%.



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