



SOLUXTEC

DIE MODUL MANUFAKTUR
100% MADE IN GERMANY

SOLUXTEC DAS MODUL

Mono Serie



Low carbon footprint



Extremely lightweight Design



100% Quality Assurance



Linear Performance Guarantee



5400 Pa max load capacity



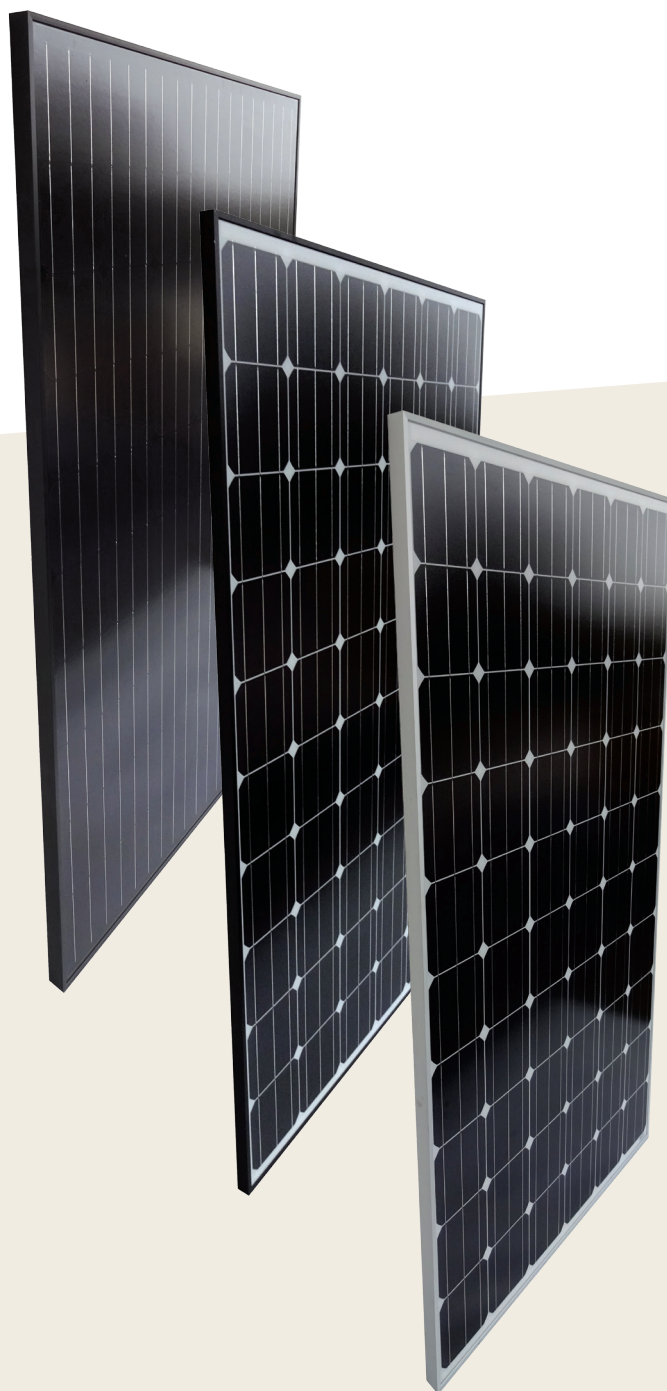
Innovative Junction Box



Excellent thermal Properties



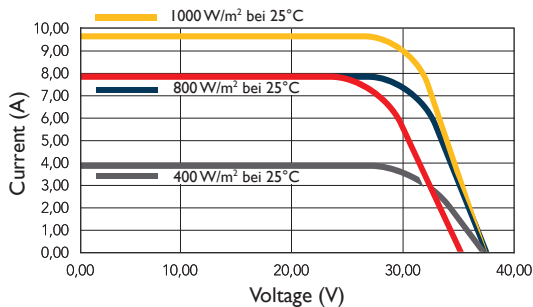
Positive performance Tolerance



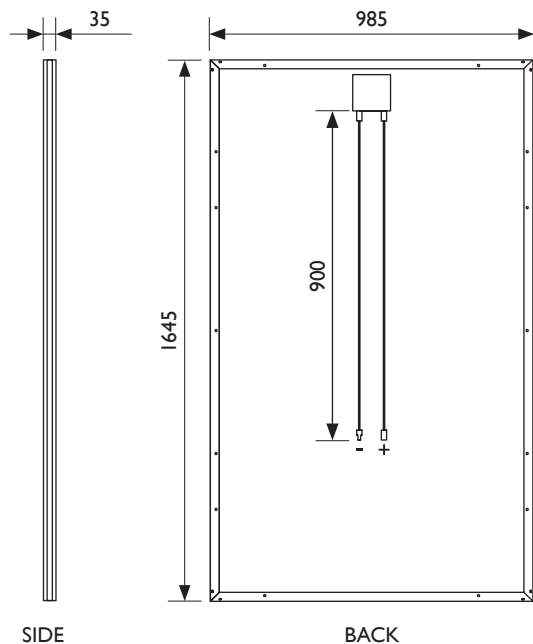
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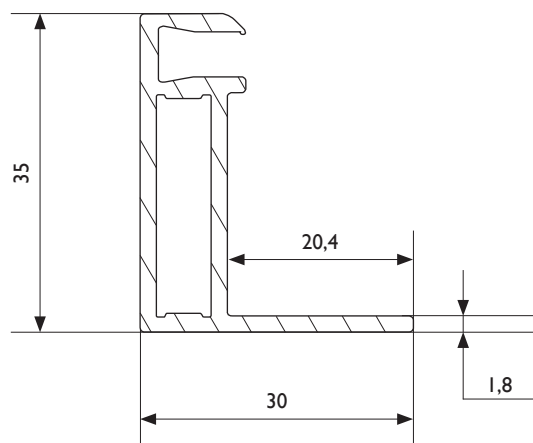
I-V CURVES



MODULE DIMENSIONS



FRAME DIMENSIONS



SOLUXTEC

Soluxtec GmbH, Werner von Siemens Str. 25, 54634 Bitburg
Tel: +49 65 61 69 37 265 Fax: +49 65 61 69 40 521
E-Mail: info@soluxtec.de Web: www.soluxtec.eu

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	COMPONENTS
STC 25°	Cells Number 60
NOCT 45°	Technology monocrystalline silicon
TC Isc +0,042%/K	Cell Dimension 156 x 156 mm
TC voc - 0,30%/K	Junction Box IP 67 ventilated
TC Pmpp - 0,39%/K	Connector MC4
	Glass tempered+patterned
	Glass Thickness 3,2 mm

GENERAL CHARACTERISTICS	INTEGRATION CHARACTERISTICS
Module Weight 18 kg	Max. System Voltage 1000 Vdc
Color black / white	Protection Class A
Frame Color black / silver	Operating Temperature Range - 40 ... + 80
Total Thickness 35 mm	Max. Reserve Current 16 A

CERTIFICATIONS

IEC 61215
EN 61730

GUARANTY

Linear
80% after 25 years

PRODUCT GUARANTY

10 years

POWER TOLERANCE*

0/+3% auf Pmpp
PFlash > Pmpp

This data Sheet complies with the requirements of EN 50380.
Soluxtec reserves the right to make specification changes without prior notice (2016).
* Flasher AAA, Power tolerance measurement of +/- 3%.

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