

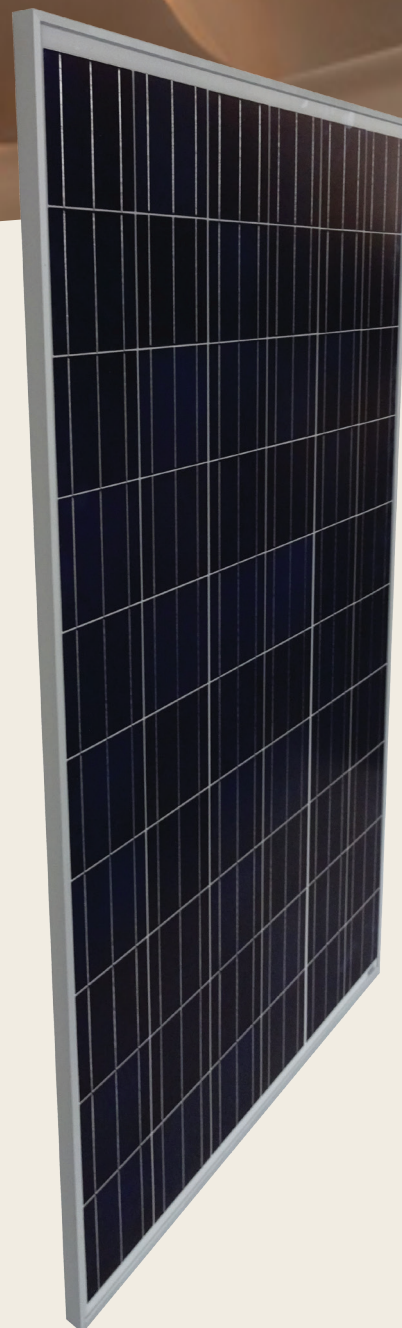


DIE MODUL MANUFAKTUR
100% MADE IN GERMANY

SOLUXTEC DAS MODUL R.E.D.

Poly Desert Serie

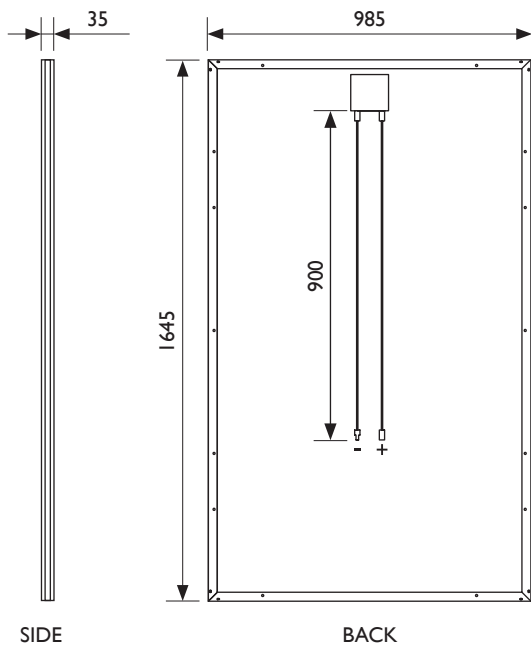
-  Excellent CO₂ Balance
-  Ultra-Light
-  100% Quality Control
-  Linear Performance Warranty
-  Loading Capacity 5400 Pa
-  Innovative Junction Box
-  Excellent thermal Properties
-  Positive Tolerance



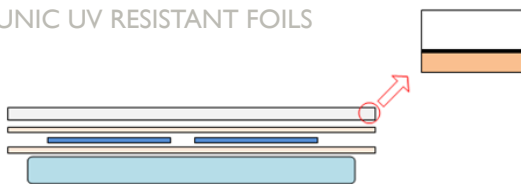
SOLUXTEC DAS MODUL R.E.D.

Poly Desert Serie

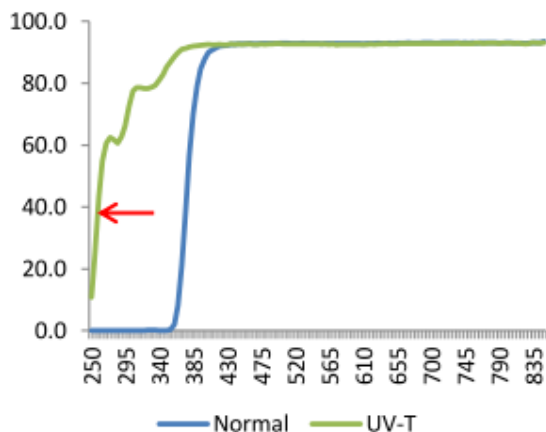
DIMENSIONS MODULE



UNIC UV RESISTANT FOILS



Unic UV resistant fluorinated design film to improve the global module behavior.



Eva foil:
Secure light resistance from UV range to prevent aging.
Improvement in efficiency by increasing accepted UV range transmission rate.



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

Maximum Power	P _{max}	W _p	250	255	260
Open Circuit Voltage	V _{oc}	V	37,90	37,95	37,95
Short Circuit	I _{sc}	A	8,75	8,84	8,91
Maximum Power Point Voltage	V _{mpp}	V	30,40	30,60	30,80
Maximum Power Point Current	I _{mpp}	A	8,25	8,34	8,45
Efficiency	%		15,48	15,75	16,06

THERMAL CHARACTERISTICS		COMPONENTS
STC	25°	Cells Number 60
NOCT	45°	Technology polycrystalline silicon
TC I _{sc}	+0,052%/K	Cell Dimension 156 x 156 mm
TC v _{oc}	- 0,335%/K	Junction Box IP 67 ventilated
TC P _{mpp}	- 0,440%/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% of P_{mpp} PFlash > P_{mpp}

SANDBLASTING TEST



After aggressive blasting test simulating extreme exposure to sandstorm, we do see clearly the advantages of our special insulating raw material foils developed for our Desert Line modules.

SMART AND INNOVATIVE JUNCTION BOX



Unic Junction box offering an excellent thermal design and a special pressure balance solution dedicated for an optimal panel efficiency.

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%.