



PowerSlate
Multi Dark Serie [™] Frameless
235-240 Wp



SOLUXTEC



PowerSlate

Multi Dark Serie TM Frameless

ELECTRICAL PERFORMANCE UNDER STANDARD TEST CONDITIONS, 1000 W/m², AM=1,5

			235	240
Maximum power	P _{max}	W _p	235	240
Open circuit voltage	V _{oc}	V	36,80	37,10
Short circuit	I _{sc}	A	8,65	8,70
Maximum power point voltage	V _{mpp}	V	28,90	29,30
Maximum power point current	I _{mpp}	A	8,15	8,20
Efficiency	%		14,60	14,80

ELECTRICAL PERFORMANCE UNDER NOCT, 800 W/m², AM=1,5

			235	240
Maximum power	P _{max}	W _p	162,25	165,85
Open circuit voltage	V _{oc}	V	32,75	33,05
Short circuit	I _{sc}	A	6,95	6,97
Maximum power point voltage	V _{mpp}	V	24,85	25,25
Maximum power point current	I _{mpp}	A	6,53	6,55

THERMAL CHARACTERISTICS

STC	25°C	Cells number	60
NOCT	43°C	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
TC P _{mp}	- 0,440 %/K	Connector	Solarlok
		Glass	tempered + patterned
		Glass thickness	4 mm

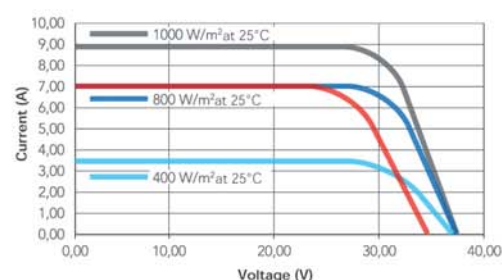
GENERAL CHARACTERISTICS

Module weight	18,5 kg	Max. System voltage	1000 Vdc
Back sheet color	black*	Protection class	class A
Frameless		Efficiency reduction 1000-200 W/m ²	94% (+/- 3%)
Total thickness	5 mm	Max. Reverse current	16 A

* other colors on request

COMPONENTS

CURVES



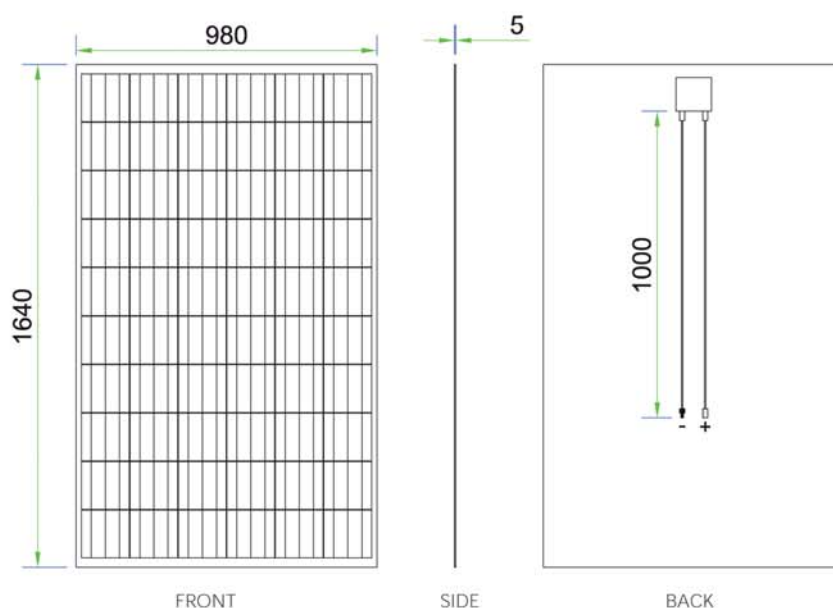
CERTIFICATIONS

IEC 61215	10 years	90 % of P _{max}	10 years	+/- 1 % of P _{mp}
EN 61730	25 years	85 % of P _{max}		PFlash > P _{mp}

ELECTRICAL GUARANTY

PRODUCT GUARANTY

POWER TOLERANCE



This data sheet complies with the requirements of EN 50380.
SoluxTec SA reserves the right to make specification changes without prior notice. (2011)

WWW.SOLUXTEC.EU

Made in Germany

