



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



PowerSlate Multi Dark Serie TM Framed

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



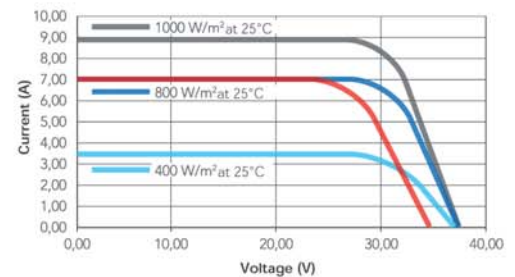
THERMAL CHARACTERISTICS

STC	25°C
NOCT	43°C
TC I _{sc}	0,052 %/K
TC V _{oc}	- 0,335 %/K
TC P _{mpp}	- 0,440 %/K

COMPONENTS

Cells number	60
Technology	polycrystalline silicon
Cell Dimension	156 x 156 mm
Junction Box	IP 67
Connector	Solarlok
Glass	tempered + patterned
Glass thickness	4 mm

CURVES



GENERAL CHARACTERISTICS

Module weight	21 kg
Back sheet color	black*
Frame	black
Total thickness	40 mm

INTEGRATION CHARACTERISTICS

Max. System voltage	1000 Vdc
Protection class	class A
Efficiency reduction 1000-200 W/m ²	94% (+/- 3%)
Max. Reverse current	16 A

* other colors on request

CERTIFICATIONS

IEC 61215	10 years
EN 61730	25 years

ELECTRICAL GUARANTY

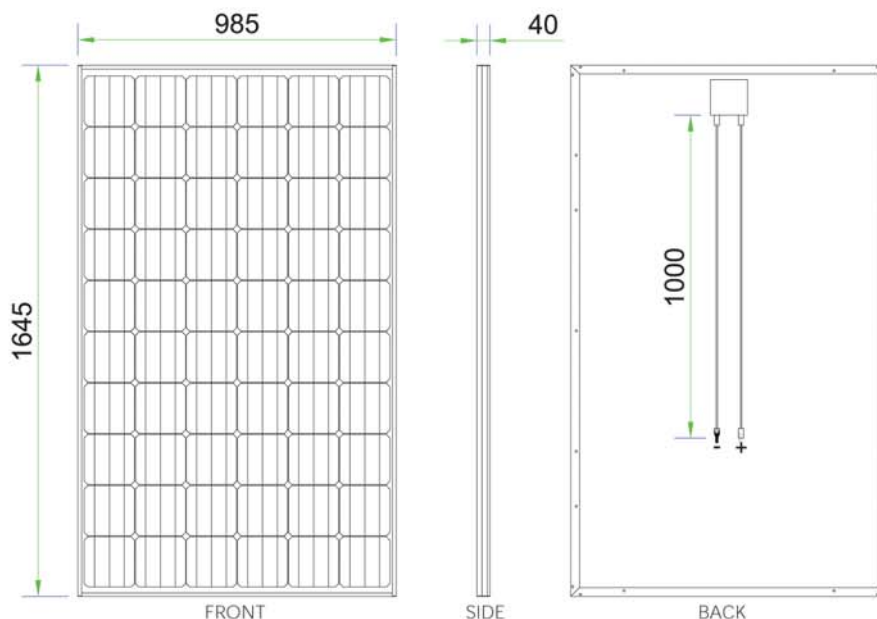
90 % of P _{max}
85 % of P _{max}

PRODUCT GUARANTY

10 years

POWER TOLERANCE

+/- 1 % of P_{mpd}
P_{flash} > P_{mpd}



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

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Made in Germany

