



PowerSlate
Mono Dark Serie ® Framed
245-250 Wp



PowerSlate Mono Dark Serie[®] Framed



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

			245	250
Maximum power	P _{max}	W _p	245	250
Open circuit voltage	V _{oc}	V	37,42	37,55
Short circuit	I _{sc}	A	8,80	8,85
Maximum power point voltage	V _{mpp}	V	29,80	30,15
Maximum power point current	I _{mpp}	A	8,25	8,30
Efficiency	%		15,20	15,45

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

			245	250
Maximum power	P _{max}	W _p	174,55	178,08
Open circuit voltage	V _{oc}	V	34,04	34,18
Short circuit	I _{sc}	A	7,05	7,09
Maximum power point voltage	V _{mpp}	V	26,43	26,78
Maximum power point current	I _{mpp}	A	6,61	6,65

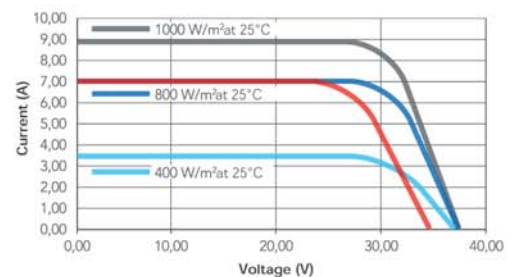
THERMAL CHARACTERISTICS

STC	25°C
NOCT	43°C
TC I _{sc}	0,03 %/K
TC V _{oc}	- 0,35 %/K
TC P _{mpp}	- 0,40 %/K

COMPONENTS

Cells number	60
Technology	monocrystalline 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	safety glass 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

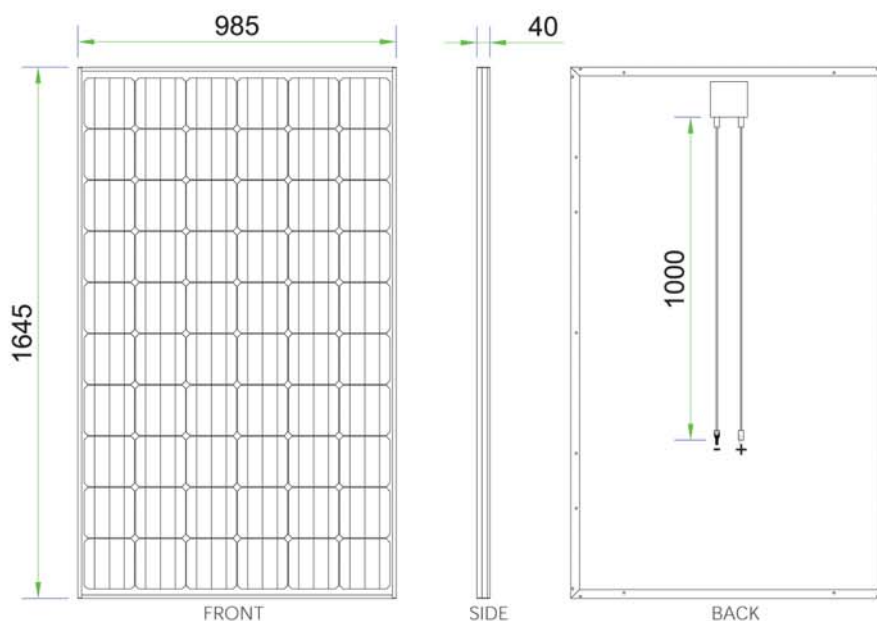
90 % of P _{max}
85 % of P _{max}

PRODUCT GUARANTY

10 years

POWER TOLERANCE

+/- 1 % of P _{MPP}
PFlash > P _{MPP}



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

