



DAS MODUL Mono Serie FR60
275 Wp
German / European Origin

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

275			
Maximum power	P _{max}	W _p	275
Open circuit voltage	V _{oc}	V	38,05
Short circuit	I _{sc}	A	9,06
Maximum power point voltage	V _{mpp}	V	31,80
Maximum power point current	I _{mp}	A	8,65
Efficiency	%		16,98

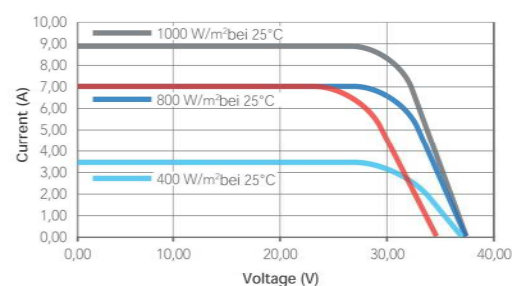
ELECTRICAL PERFORMANCE UNDER NOCT, 800 W/m², AM=1,5, 45°C +/- 2°C

275			
Maximum power	P _{max}	W _p	201
Open circuit voltage	V _{oc}	V	35,10
Short circuit	I _{sc}	A	7,24
Maximum power point voltage	V _{mpp}	V	29,02
Maximum power point current	I _{mp}	A	6,93



THERMAL CHARACTERISTICS		COMPONENTS	
STC	25°C	Cells number	60
NOCT	45°C	Technology	monocrystalline silicon
TC I _{sc}	0,03 %/K	Cell Dimension	156 x 156 mm
TC V _{oc}	- 0,35 %/K	Junction Box	IP 67
TC P _{mp}	- 0,40 %/K	Connector	MC4
		Glass	tempered + patterned
		Glass thickness	3,2 mm

CURVES



GENERAL CHARACTERISTICS		INTEGRATION CHARACTERISTICS	
Module weight	19 kg	Max. System voltage	1000 Vdc
Back sheet color	black	Protection class	A
Frame	black	Efficiency reduction 1000-200 W/m ²	94% (+/- 3%)
Total thickness	35 mm	Max. Reverse current	16 A
Snow load	5400 Pa		

CERTIFICATIONS	PRODUCT GUARANTY	POWER TOLERANCE*	PRODUCTION GUARANTY
IEC 61215	10 years	0/+ 3 % of P _{mp}	Linear
EN 61730		PFlash > P _{mp}	80 % after 25 years

