

ID4-FL60-250MBP

ELECTRICAL DATA STC

STC (Standard Test Conditions) : 1.000 W/m², (25 ± 2)°C, AM 1,5 (EN60904-3)

Maximal Power	<i>P_{max}</i>	<i>W_p</i>	250
Rated Voltage	<i>V_{mpp}</i>	V	30,52
Rated current	<i>I_{mpp}</i>	A	8,21
Open-Circuit Voltage	<i>V_{co}</i>	V	37,67
Short-Circuit Current	<i>I_{cc}</i>	A	8,64

ELECTRICAL DATA NOCT

NOCT (Normal Conditions) : 800 W/m², AM 1,5 air temperature 20°C

Nominal Power	<i>P_{max}</i>	<i>W_p</i>	203,90
Rated Voltage	<i>V_{mpp}</i>	V	31,80
Rated Current	<i>I_{mpp}</i>	A	6,52
Open-Circuit Voltage	<i>V_{co}</i>	V	37,90
Short-Circuit Current	<i>I_{cc}</i>	A	6,91

CHARACTERISTICS

cell Efficiency	%	15,0
Cells		60
Diodes		3
Weight	kg	19,7

TEMPERATURE COEFFICIENTS

Temperature Coefficient <i>P_{max}</i>	%/°C	-0,48
Temperature Coefficient <i>V_{co}</i>	%/°C	-0,36
Temperature Coefficient <i>I_{cc}</i>	%/°C	0,02

CELLS

cells type	Monocrystalline
Tolerance	± 3%



PRODUCT INFORMATION

Maximum system voltage	1000 V
Maximum reserve current	12 A
Output cables	2x 1m solar cables 4mm ² MC4
Junction box	IP65
Backsheet	Black (both sides)
Glass	Tempered Pattern 4mm ESG
Product Warranty	12 years
Power Warranty	12 years 90%, 25 years 80%
Certification	IEC 61215 / IEC 61730

