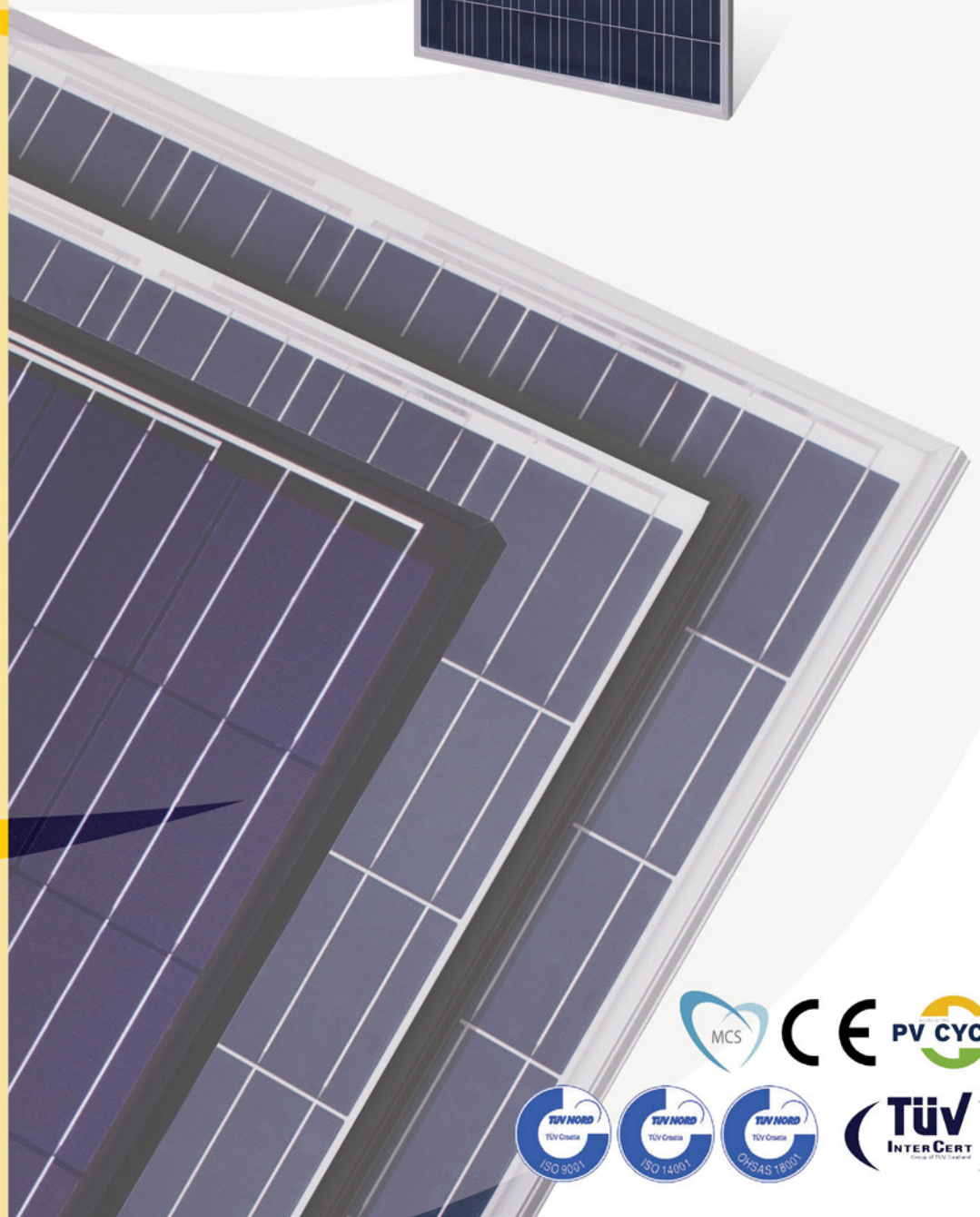


MODEL SV60

- Premium quality
- Made in Europe
- Power tolerance -0/+4,9 W
- Power output range 245 - 260 Wp
- IEC EN 61215 certified
- IEC EN 61730 - 1 certified
- IEC EN 61730 - 2 certified



Warranty:

10 years manufacturing defects

12 years limited,
90% output power

25 years limited,
80% output power



Electrical parameters at Standard Test Conditions (STC)				
MODEL	SV60-245	SV60-250	SV60-255	SV60-260
Peak power P_{MPP} [W]	245	250	255	260
Peak power tolerance [W]	-0/+4,9			
Short circuit current I_{SC} [A]	8,65	8,75	8,80	8,90
Open circuit voltage V_{OC} [V]	37,7	37,8	37,9	37,9
Rated current I_{MPP} [A]	8,12	8,24	8,31	8,45
Rated voltage V_{MPP} [V]	30,3	30,5	30,6	30,8
Current and voltage tolerance [%]	± 3			

STC: 1000W/m² irradiance, 25 °C cell temperature, AM1,5 g spectrum according to EN 60904-3
Average relative efficiency reduction of 3,4 % at 200 W/m² according to EN 60904-1

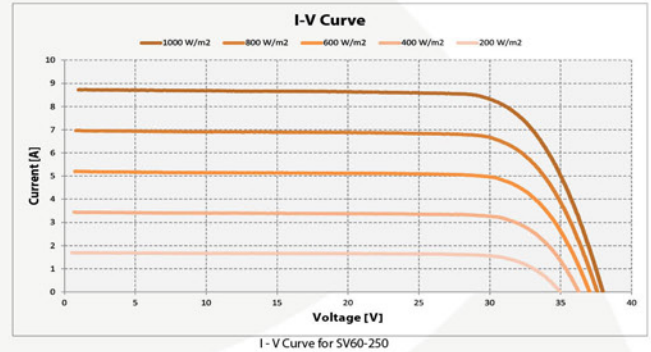
THERMAL CHARACTERISTICS	
Temperature coefficient of P_{MPP} [%/K]	-0,42
Temperature coefficient of I_{SC} [%/K]	0,05
Temperature coefficient of V_{OC} [%/K]	-0,35

Electrical parameters at Nominal Operating Cell Temperature (NOCT)				
MODEL	SV60-245	SV60-250	SV60-255	SV60-260
Peak power P_{MPP} [W]	179,6	181,3	185,6	189,9
Peak power tolerance [W]	-0/+4,9			
Short circuit current I_{SC} [A]	7,04	7,07	7,13	7,19
Open circuit voltage V_{OC} [V]	34,4	34,5	35,0	35,0
Rated current I_{MPP} [A]	6,45	6,49	6,60	6,71
Rated voltage V_{MPP} [V]	27,8	27,9	28,1	28,3

NOCT: module operating parameters at 800 W/m² irradiance, 20 °C ambient temperature, 1 m/s wind speed

NOTE: For extended models, SV60 YYY, voltages and currents can vary where YYY is optional based on the chosen YYY variant (YYY = letter(s), R for AR coated glass, F for black frame, B for silver frame and black backsheet, BC for black frame and black backsheet)

OPERATING CONDITIONS	
Temperature range [°C]	-40 to +85
Maximum system voltage [V]	1000
Max. series fuse rating	13A
Limiting reverse current	13A
Maximum surface load capacity	5400 Pa (Snow load)
Resistance against hail	Maximum diameter of 25 mm with impact speed 23 m/s



MECHANICAL DATA	
Dimensions (H x W x D) [mm]	1650 x 992 x 40
Weight [kg]	18,7
Solar cells	60 cells, polycrystalline Si, 156 x 156 mm
Cells encapsulation	Ethylene vinyl acetate (EVA)
Front	Solar glass, 3,2 mm
Back	Composite polyester Film
Frame	Anodized aluminium frame with twin-wall profile and drainage holes
Junction box	IP67 with 3 Bypass diodes
Cable and connectors	Solar cable 4 mm ² , length 1000 mm, MC4 compatible connectors

