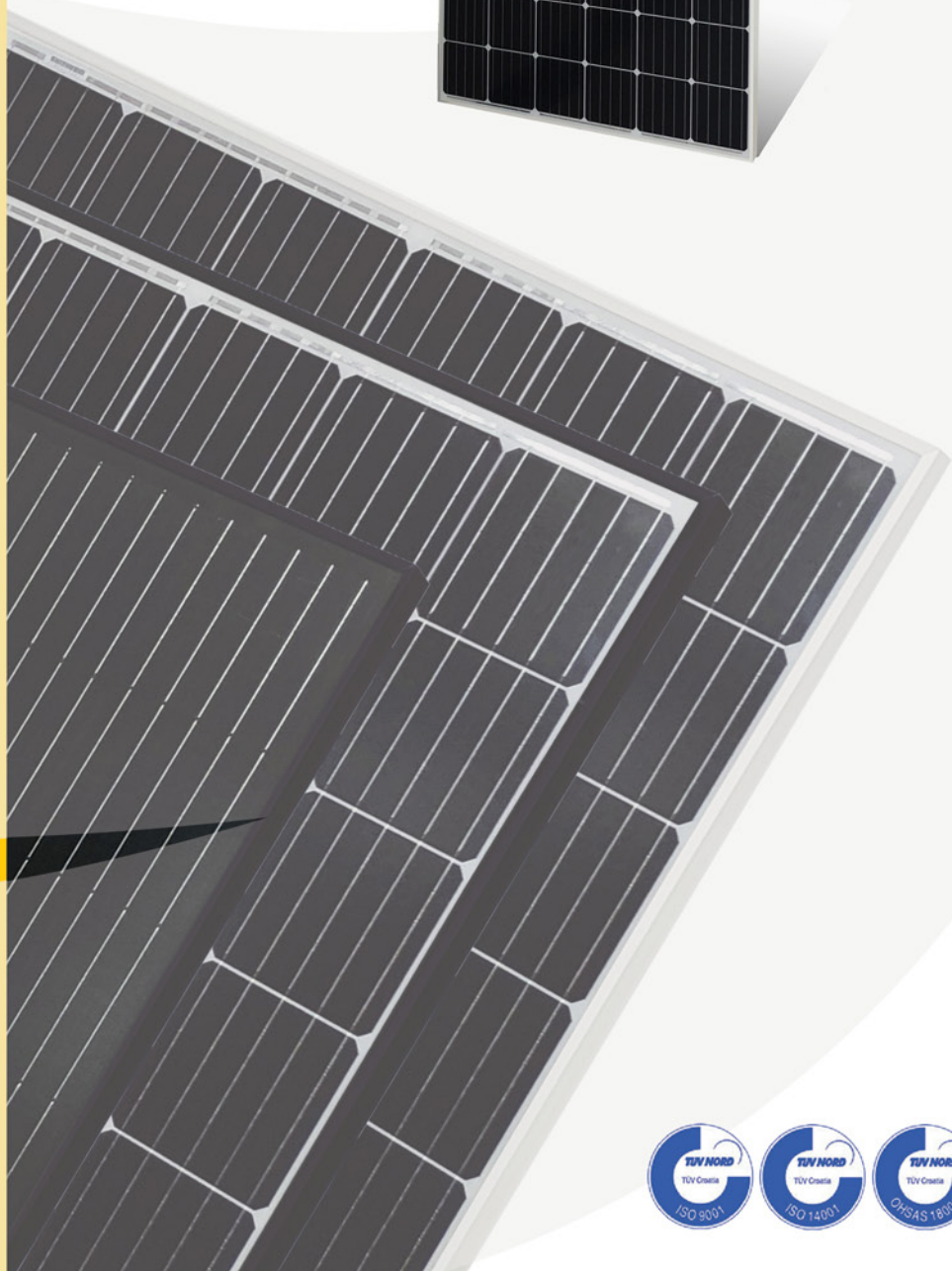




## MODEL SV72 E



-  Premium quality
-  Power output  
range 350-370 Wp
-  100% EL testing
-  Mechanical load  
up to 5400 Pa
-  Low weight
-  Module efficiency  
up to 19,07 %
-  Positive power  
tolerance -0/+4,9 W
-  Made in Europe
-  IEC EN 61215  
IEC EN 61730-1, -2
-  IEC EN 62716 Ed.1
-  IEC EN 61701
-  IEC TS 62804-1  
(PID resistance)

### 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		SV72-350 E	SV72-355 E	SV72-360 E	SV72-365 E	SV72-370 E
Peak power $P_{MPP}$	[W]	350	355	360	365	370
Peak power tolerance	[W]	-0/+4,9				
Short circuit current $I_{SC}$	[A]	9,69	9,74	9,73	9,75	9,78
Open circuit voltage $V_{OC}$	[V]	46,73	47,52	48,17	48,24	48,39
Rated current $I_{MPP}$	[A]	9,16	9,21	9,13	9,20	9,30
Rated voltage $V_{MPP}$	[V]	38,43	38,76	39,63	39,69	39,82
Current and voltage tolerance	[%]	± 3				
Module efficiency	[%]	18,04	18,30	18,55	18,81	19,07

STC: 1000W/m<sup>2</sup> irradiance, 25 °C cell temperature, AM1, 5 g spectrum according to EN 60904-3  
Average relative efficiency reduction of 3,4 % at 200 W/m<sup>2</sup> according to EN 60904-1

Electrical parameters at Nominal Operating Cell Temperature (NOCT)						
MODEL		SV72-350 E	SV72-355 E	SV72-360 E	SV72-370 E	SV72-375 E
Peak power $P_{MPP}$	[W]	256,2	259,8	263,3	265,8	269,5
Peak power tolerance	[W]	-0/+4,9				
Short circuit current $I_{SC}$	[A]	7,78	7,82	7,81	7,83	7,85
Open circuit voltage $V_{OC}$	[V]	43,0	43,7	44,3	44,4	44,5
Rated current $I_{MPP}$	[A]	7,34	7,38	7,31	7,36	7,45
Rated voltage $V_{MPP}$	[V]	34,9	35,2	36,0	36,1	36,2

NOCT: module operating parameters at 800 W/m<sup>2</sup> irradiance, 20 °C ambient temperature, 1 m/s wind speed

MECHANICAL DATA	
Dimensions (H x W x D)	[mm] 1956 x 992 x 40
Weight	[kg] 22,5
Solar cells	72 cells, monocrystalline Si (PERC), 156 x 156 mm +/- 1mm
Cells encapsulation	Ethylene vinyl acetate (EVA)
Front	Tempered 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 <sup>2</sup> , length 1200 mm

NOTE: For extended models, SV72 E YYY, voltages and currents can vary where YYY is optional based on the chosen YYY variant (YYY = letter(s), F for black frame, B for silver frame and black backsheet, BC for full black module)

OPERATING CONDITIONS		
Temperature range	[°C]	-40 to +85
Maximum system voltage	[V]	1000
Max. series fuse rating		15A
Limiting reverse current		15A
Maximum surface load capacity		5400 Pa (Snow load)
Resistance against hail		Max. diameter of 25 mm with impact speed 23 m/s

THERMAL CHARACTERISTICS		
Temperature coefficient of $P_{MPP}$	[%/K]	-0,42
Temperature coefficient of $I_{SC}$	[%/K]	0,05
Temperature coefficient of $V_{OC}$	[%/K]	-0,33

