



MODEL SV72 E



Premium quality



Power output range 330 - 345 Wp



100% EL testing



Mechanical load up to 5400 Pa



Low weight



Module efficiency up to 17,73 %



Positive power tolerance -0/+4,9 W



Made in Europe



IEC EN 61215 certified



IEC EN 61730 - 1 certified



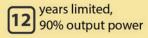
IEC EN 61730 - 2 certified



PID test passed

Warranty:





years limited, 80% output power













Electrical parameters at Standard	Test Cond	itions (STC)			
MODEL		SV72-330 E	SV72-335 E	SV72-340 E	SV72-345 E
Peak power P _{MPP}	[W]	330	335	340	345
Peak power tolerance	[W]	-0/+4,9			
Short circuit current I _{sc}	[A]	9,54	9,56	9,59	9,64
Open circuit voltage V _{oc}	[V]	46,0	46,2	46,4	46,6
Rated current I _{MPP}	[A]	8,80	8,89	8,96	9,04
Rated voltage V _{MPP}	[V]	37,9	37,9	38,0	38,2
Current and voltage tolerance	[%]	±3			
Module efficiency	[%]	16,96	17,21	17,47	17,73

STC: 1000W/m ² 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 ² according to EN 60904-1

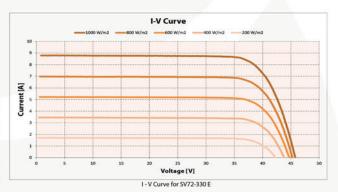
Electrical parameters at Nominal Operating Cell Temperature (NOCT)					
MODEL		SV72-330 E	SV72-335 E	SV72-340 E	SV72-345 E
Peak power P _{MPP}	[W]	241,86	244,98	246,90	250,44
Peak power tolerance	[W]	-0/+4,9			
Short circuit current I _{sc}	[A]	7,66	7,67	7,70	7,74
Open circuit voltage $V_{\rm oc}$	[V]	42,4	42,6	42,8	43,0
Rated current I _{MPP}	[A]	6,96	7,03	7,09	7,15
Rated voltage V _{MPP}	[V]	34,6	34,6	34,7	34,9

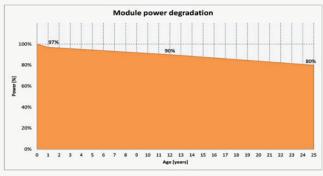
NOCT: module operating parameters at 800 W/m² irradiance, 20 °C ambient temperature, 1 m/s wind speed

MECHANICAL DATA		
Dimensions (H x W x D)	[mm]	1962 x 992 x 40
Weight	[kg]	22,5
Solar cells		72 cells, monocrystalline Si, 156 x 156 mm
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 mm², length 1000 mm, MC4 compatible connectors

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 capacit	у	5400 Pa (Snow load)
Resistance against hail		Maximum diameter of 25 mm with impact speed 23 m/s

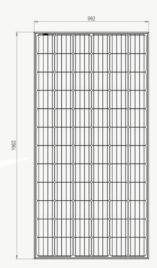
THERMAL CHARACTERISTICS		
Temperature coefficient of P _{MPP}	[%/K]	-0,42
Temperature coeffcient of $I_{\rm sc}$	[%/K]	0,05
Temperature coeffcient of V _{oc}	[%/K]	-0,33

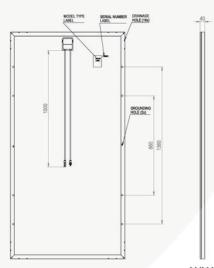




 $NOTE: For \ extended \ models, \ SV72 \ EYYY, \ voltages \ and \ currents \ can \ vary \ where \ YYY \ is \ optional \ based \ on \ the \ chosen \ YYY \ variant \ (YYY = letter(s), \ F \ for \ black \ frame, B \ for \ silver \ frame \ and \ black \ backsheet, BC \ for \ full \ black \ module)$









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