

Electrical characteristics

Grey / Dark Grey

Peak power (P _{MPP})	W	345
Short circuit current (I _{SC})	A	9,10
Open circuit voltage (V _{OC})	V	50,62
Rated current (I _{MPP})	A	8,36
Rated voltage (V _{MPP})	V	41,27
Peak power (P _{MPP})	W/m ²	170
Efficiency	%	17,0%
Peak power tolerance	W	0/+5

STC: 1.000W/m², 25C, AM1,5

Mechanical data

Dimensions	mm	2000 x 1100 x 35
Weight	kg	23,9
Solar cells		monocrystalline Si 72 cells
Cells encapsulation		Ethylene vinyl acetate (EVA)
Front		Tempered solar glass 4 mm KROMATIX
Back		PET based backsheet foil black
Frame		Black anodized aluminium frame
Junction box		IP67 with 3 Bypass diodes
Cable and connectors		4 mm ² , 1.000 mm length

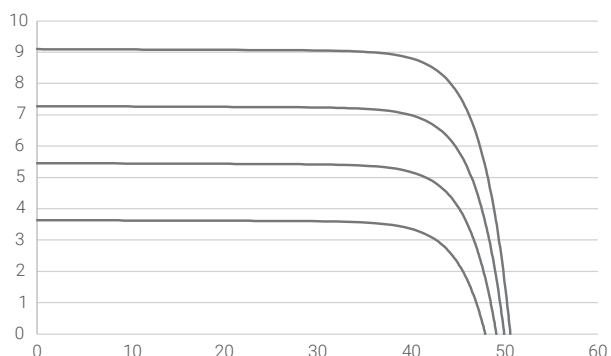
Operating conditions

Temperature range	C	-40 / 85
Max. system voltage	V	1.000
Max. series fuse rating	V	15
Limiting reverse current	A	15
Max. surface load capacity	Pa	2.400 / 5.400
Resistance against hail		25 mm ø, 23 m/s

Thermal characteristics

Temperature coefficient PMPP	%/C	-0,42
Temperature coefficient ISC	%/C	-0,05
Temperature coefficient VOC	%/C	-0,33

Module PV



Standard modules

l (cm)	w (cm)	A (m ²)	Cells	Wp	Wp/m ²
165	70	1,16	40	210	184
165	54	0,89	30	155	178
165	38	0,63	20	105	169
165	86	1,42	50	265	187
165	102	1,68	60	315	189
149	70	1,04	36	190	183
133	70	0,93	32	165	182
117	70	0,82	28	145	181
101	70	0,71	24	125	180
85	70	0,60	20	105	178
69	70	0,48	16	80	176
187	70	1,27	44	230	184
197	70	1,38	48	250	184
203	100	2,00	72	345	173

