



Photovoltaic Module SV60P

Polycrystalline



About us

SELFA is a self-contained, Polish manufacturer of photovoltaic modules. Our experience in photovoltaics is supported by cooperation with research institutes and our own research work.

General info

Our modules are made on modern, automated production line, while maintaining a high aware on quality at every stage of its production. Using high quality materials from a well known and valued suppliers, we can guarantee the proper operation of our modules for 25 years with latent defects warranty on the product for 10 years as well.

To ensure maximum profits from electricity produced by our modules, we're using high efficiency cells only, which gives us a possibility to produce 15 % efficient modules.

Our modules are offered in a positive tolerance only (+3%), which minimizes the mismatch losses in photovoltaic systems.

Warranty

25 years (80% rated power)
12 years (90% rated power) with
10 years latent defects warranty



Data sheet

SV60P

Type of module		SV60P-230	SV60P-235	SV60P-240	SV60P-245
Max. Power (+3%; -0%)	P_{max} [W]	230	235	240	245
Open Circuit Voltage	V_{oc} [V]	37,00	37,30	37,60	37,90
Voltage at Max. Power	V_{mpp} [V]	29,80	30,20	30,40	30,50
Short Circuit Current	I_{sc} [A]	8,30	8,35	8,37	8,60
Current at Max. Power	I_{mpp} [A]	7,70	7,80	7,90	8,05
Fill Factor	[%]	74,70	75,50	76,00	76,00
Efficiency	[%]	14,00	14,40	14,70	15,00
Dimensions (H x W x T)	[mm]	1670x983x45	1670x983x45	1670x983x45	1670x938x45
Total Weight	[kg]	20	20	20	20

Temperature Coefficients NOCT: 46°C	I_{sc} : 0,05% /°C	V_{oc} : -0,34% /°C
Maximum Ratings	Operating temp.: -40 ÷ +85°C	Max. System Voltage: 1000VDC
	Ambient temp.: -40 ÷ +45°C	Fuse Rating: 15A

Irradiance dependence						
	G [W/m ²]	1000	900	500	300	200
I_{sc}	[%]	0	-9,7	-48,9	-69,7	-79,2
V_{oc}	[%]	0	-0,4	-2,9	-5,3	-7,2

* Nominal values under Standard Test Condition (AM1.5, 1000W/m², 25°C)