



## Home Energy solar panels

The Home Energy solar panels are available in the range of 160 to 180 Wp. The following features are applicable for the solar panels:

- High efficiency silicon solar cells
- Optimized module performance with nominal Voltage 12 / 18 / 24 V DC
- Bypass diodes to avoid hot-spot effect
- Cells are embedded in a sheet of TPT and EVA
- High transparent low-iron, tempered glass
- Esthetic appearance of cells
- Heavy duty anodized aluminum frames with drainage holes
- Pre-cabled with fast connecting system
- IEC 61215, TUV class II Certification

Type		HE-SP 160	HE-SP 165	HE-SP 170	HE-SP 175	HE-SP 180
Dimensions	(mm)	1589x806x46	1589x806x46	1589x806x46	1589x806x46	1589x806x46
Peak power	(Wp)	160	165	170	175	180
Minimum power	(W)	157,5	162,5	167,5	172,5	177,5
No. of cells		72	72	72	72	72
V Max	(V)	34,80	34,80	35,00	35,20	35,40
I Max	(A)	4,60	4,74	4,86	4,97	5,08
V (oc)	(V)	43,80	44,00	44,20	44,40	44,60
I sc	(A)	5,16	5,20	5,28	5,36	5,42
Weight	(kg)	15	15	15	15	15
Max. system	(V)	715	715	715	715	715
Normal operating	(T)	-45°C +85°C	-45°C +85°C	-45°C +85°C	-45°C +85°C	-45°C +85°C
No. of diodes		3	3	3	3	3
Type of diodes		10A10	10A10	10A10	10A10	10A10



Your choice