

180W PV Panels

Technical Specifications

Excellent Guarantee

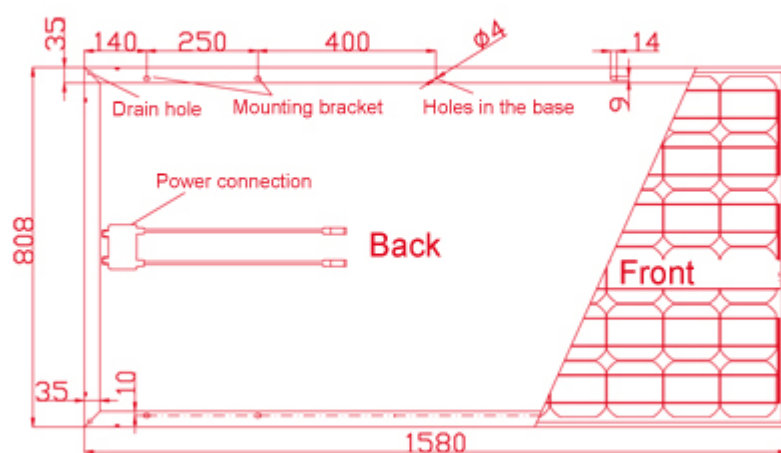
- 5 year manufacturer's product guarantee
- 10 year output guarantee to 90% and
- 25 year up to 80% of nominal output
- Shatter resistant even against table tennis ball-sized hailstones

Specific Features

- 72 no. monocrystalline solar cells each 125 mm x 125 mm
- 45mm robust, anodised aluminium frame
- >3.2mm solar glass, highly transparent and low in iron
- Installed complete with plug



Dimensions



180W PV Panels

Technical Data

Laminate	Glass / foil laminate with 45 mm anodised aluminium frame
Solar cells	72 no. x 5 inch monocrystalline
Assembly	Cover material: 3.2mm solar glass, highly transparent, low in iron and hardened; Casing: EVA-solar cells-EVA
Circuit points	Connector: Yukita Electric 1x700mm (-) and 1x900mm (+)
Bypass - Diode	3 no.
Size of module	1580 x 808 x 45 mm (LxWxH)
Temperature range	-40 deg. C to + 80 deg. C
Wind load	130 km/hr

Electrical data

	170 W	175 W	180 W
Maximum Power	170 W	175 W	180 W
Maximum Power Voltage	35,0 V	35,2 V	35,4 V
Maximum Power Current	4,86 A	4,97 A	5,08 A
Open Circuit Voltage	44,0 V	44,2 V	44,4 V
Short Circuit Current	5,15 A	5,25 A	5,35 A
Power Tolerance	+ 3% / - 3%		
Maximum System Voltage	1000 V		
Temperature coefficient Pn	- 0,43 %/K ± 0,05		
Temperature coefficient Uoc	-0,325 %/K ± 0,1		
Temperature coefficient Isc	+0,04 %/K ± 0,15		
Weight	15,5 kg		
Certified	to IEC 61215 ed.2, IEC 61730 SKL II		