

Mono-crystalline solar module

Normal power	180W
Power tolerance	±3%
Type of cell	mono-crystalline
Voltage MPP	35.65V
Current MPP	5.05A
Short Circuit Current	5.60A
Open circuit Voltage	44.28V
Coeff of Volt per °C	-0.38%
Coeff of Current per °C	0.10%
NOCT	45°C
System Voltage max	1000V
Operating temperature	-40°C ~ +80°C
Storage temperature	-40°C ~ +80°C
Maximum wind resistance	60 m/s
Surface load maximum capacity	200 kgs/square meter
Maximum hail load capacity	25mm,80km/h
Dimensions	1580mm × 808mm × 45mm
Net weight	16.00 kgs
Frame	Aluminum
Thickness/material of glass	3.2mm/toughened glass
Lamination material	EVA etc
Backsheet material	TPT
Cell Matrix	6 × 12 (72pcs)
Cell Size	125mm × 125mm
Cell Efficiency	≥16.8%
Quality guarantee	2 years
Guaranty of power	Output 90% for first 10years, and 80% for next 15 years
Working life	25 years
Standard Test Conditions	1000W/m² AM1.5 25°C