

SS160P

36 Cells Poly-crystalline

160W Power output

16.15% The Highest Efficiency

0~ +5W Tolerance



POLYCRYSTALLINE MODULE 160 WATT



High module conversion efficiency (up to 16.15%), through superior manufacturing technology



Guaranteed 0~+5W positive power output tolerance ensures high reliability



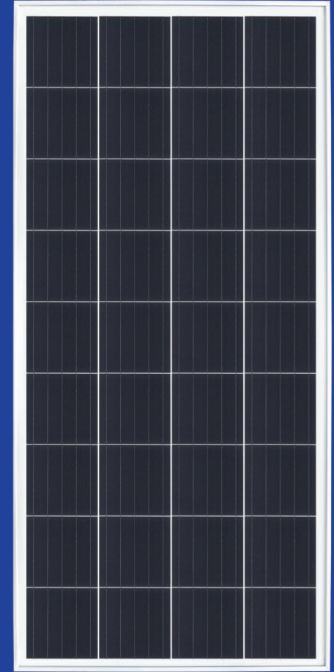
Anti-reflective, hydrophobic coating improves light absorption and reduces surface dust



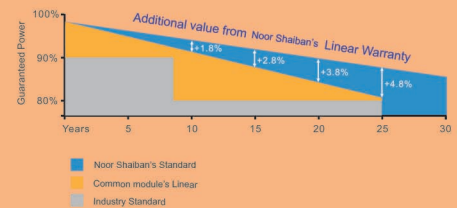
Excellent performance under low light environments (mornings, evenings and cloudy days)



Suitable for harsh environments, such as coasts, deserts and lakes. Withstand high level of wind loads (2400pa) and snow loads (5400pa)



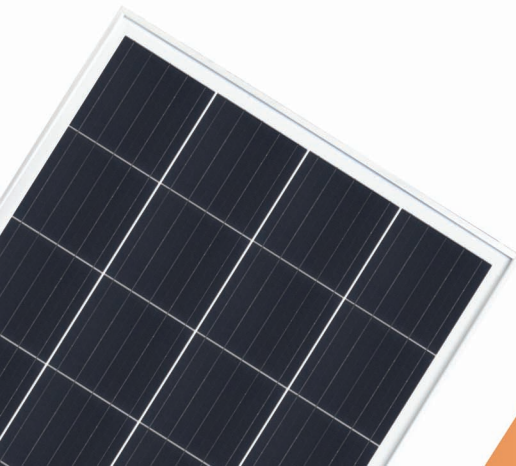
0.5% Annual Degradation over 30 years



LINEAR PERFORMANCE WARRANTY
12 year Product Warranty / 30 year Linear Power W

Full range of products and certification systems

ISO 9001 TUV PID-FREE CE IEC61215/61730/61701/62716



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POLYCRYSTALLINE MODULE 160 WATT



ELECTRICAL DATA(STC)

Rated Power in Watts-Pmax(Wp)	160W
Open Circuit Voltage-Voc(V)	23.07V
Short Circuit Current-Isc(A)	9.03A
Maximum Power Voltage-Vmp(V)	18.72V
Maximum Power Current-Imp(A)	8.55A
Module Efficiency (%)	16.15%

STC: Irradiance 1000 W/m², Cell Temperature 25°C, Air Mass AM1.5 according to EN 60904-3.

ELECTRICAL DATA(NOCT)

Maximum Power-Pmax (Wp)	120W
Open Circuit Voltage-Voc (V)	21.16V
Short Circuit Current-Isc (A)	7.45A
Maximum Power Voltage-Vmp(V)	17.62V
Maximum Power Current-Imp(A)	6.76A

NOCT: Irradiance at 800 W/m², Ambient Temperature 20°C, Wind Speed 1 m/s.

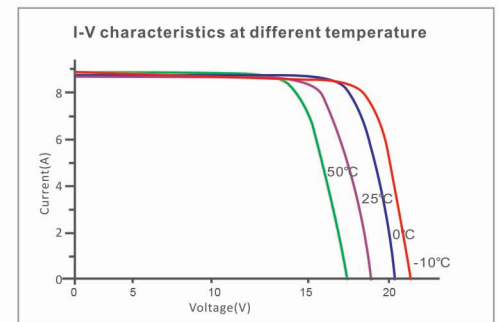
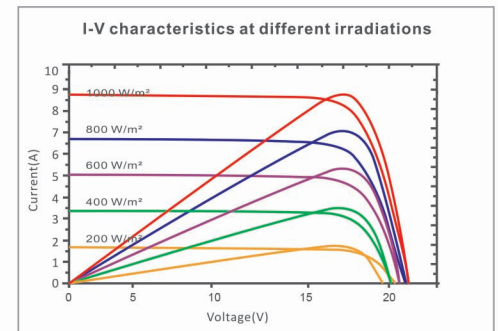
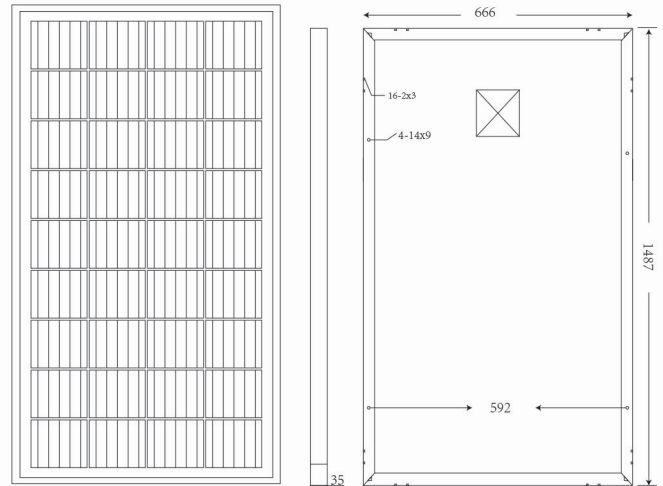
MECHANICAL DATA

Solar cells	Poly-crystalline 156x156mm,	5 Bus bars
Cell configuration	36 cells(4x9)	
Module dimensions	1487x666x35mm	
Weight	11.5KGS	
Front Cover	3.2mm Tempered Glass	
Frame Material	Anodized Aluminum Alloy	
J-BOX	IP65 or IP67, 3 Diodes	
Cable	4mm ² (IEC)/12AWG(UL),900mm	
Connectors	MC4 or MC4 Comparable	
Standard Packaging	2pcs/carton	

TEMPERATURE & MAXIMUM RATINGS

Nominal Operating Cell Temperature (NOCT)	45°C±2°C
Temperature Coefficient of Voc	-0.32%/°C
Temperature Coefficient of Isc	0.05%/°C
Temperature Coefficient of Pmax	-0.39%/°C
Operational Temperature	-40~+85°C
Maximum System Voltage	1000V(IEC)/600V(UL)
Max Series Fuse Rating	15A
Limiting Reverse Current	1.A

Dimension of PV Modules Unit: mm



PACKAGING CONFIGURATION

	40HQ	20GP
Number of modules per container	1680pcs	660pcs
Package	2pcs/carton	2pcs/carton
Package Weight	23kg/carton	23kg/carton
Package Number	840cartons	330cartons
Package Dimension	1500*700*80mm	1500*700*80mm

