



NingBo Best Solar Energy Technology Co.,Ltd.

Add: NO.2 BeiXing Rd.(E),DaShiXiang Country,Mazhu Town, Yuyao,Ningbo, Zhejiang P.R.China

Tel:+86-574-62469386 Fax:+86-574-62469408

BEST Module

BEST-180W/185W Mono-crystalline Solar Panel

EFFICIENCY

- Low voltage-temperature coefficient allows higher Power output at high-temperature condition
- High efficient, high reliable solar cells ensure our Product output stability

MATERIALS

- Advanced EVA encapsulation system with triple-layer back sheet meets the most stringent safety requirements for high-voltage operation
- The sturdy,anodized aluminum frame allows the modules to be mounted on a variety of standard racking systems and to withstand harshest conditions
- Ultra reliable bypass diodes prevent damage through Overheating due to shaded or defective cells
- Innovative,environmentally friendly packing method Using pile-edges insures modules arrive in perfect condition
- New frame design incorporating hexagonal shaped Drainage holes,with more grounding holes,provide Flexible installation and use

BENEFITS

- Manufactured in an IEC61215,IEC61730,ISO 9001:2000, CE ,UL certified plant
- High efficiency ,high safety, high reliability
- Output power tolerance of +3 %
- 25-years Limited warranty on Power output,5-years limited warranty on materials and workmanship



MC4--Connector



NOTE

This publication summarizes product warranty and specifications, which are subject to change without notice, additional information may be found on our web site:www.cnbestsolar.com



NingBo Best Solar Energy Technology Co.,Ltd.

Add: NO.2 BeiXing Rd.(E),DaShiXiang Country,Mazhu Town, Yuyao,Ningbo, Zhejiang P.R.China

Tel:+86-574-62469386 Fax:+86-574-62469408

SPECIFICATIONS—TUV certified

ITEM NO	BEST-180W	BEST-185W
Maximum Power(Wp)	180W	185W
Maximum Power Voltage(V)	35.00V	35.00V
Maximum Power Current(A)	5.15A	5.29A
Open Circuit Voltage(V)	43.00V	43.00V
Short Circuit Current(A)	5.5A	5.67A
Size of Module(mm)	1580mm X 808mm X 46mm	
Size of Glass(mm)	1574mm X 802mm X 3.2mm	
Size of solar cells(mm)	Mono 125(diagonal is 165mm)	
Number of cells(Pcs)	72pcs	
Maximum System Voltage(V)	1000V	
Temperature Coefficients of Isc(%)	0.05%/°C	
Temperature Coefficients of Voc(%)	--0.38%/°C	
Temperature Coefficients of Pm(%)	--0.47%/°C	
Nominal operating cell temperature	47°C±2°C	
Temperature Range	--40°C--- +90°C	
Surface Maximum Load Capacity	200kgs/m2	
Allowable Hail Load	25mm@80Km/h	
Weight Per Piece (kg)	16kgs	
Efficiency for module	14.1%	14.49%
Efficiency for cell	16.2%	16.7%
Warranty	5 years product warranty and 90% of power output for the first 10 years of the modules life and 80% for the next 15 years for a total of 25 years warranty	
Packing	700pcs/40" container , 14 pallets total per container 50 pcs solar module per pallet	

Note:the specifications and obtained under the standard Test Conditions(STCs):1000W/ m2 solar irradiance, 1.5 Air Mass,and cell temperature of 25°C

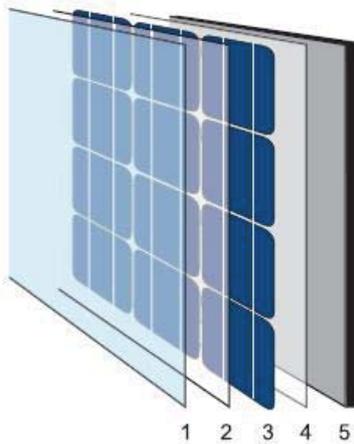


NingBo Best Solar Energy Technology Co.,Ltd.

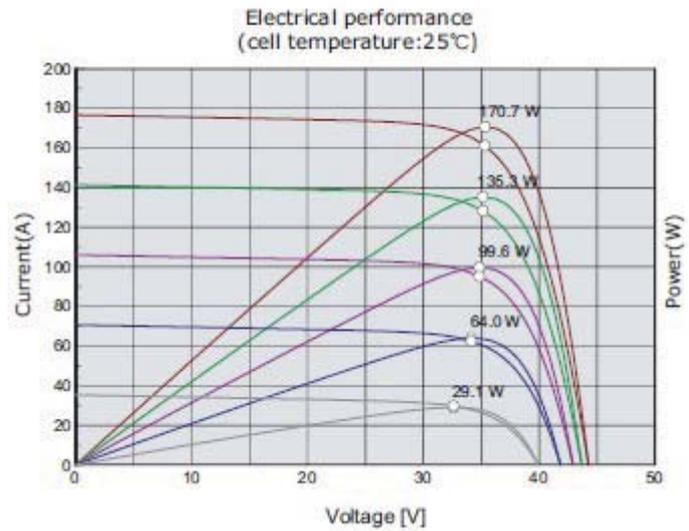
Add: NO.2 BeiXing Rd.(E),DaShiXiang Country,Mazhu Town, Yuyao,Ningbo, Zhejiang P.R.China

Tel:+86-574-62469386 Fax:+86-574-62469408

Electrical Performance cell temperature : 25°C



- 1 Tempered glass
- 2 EVA
- 3 Cells
- 4 EVA
- 5 Multi-layer back sheet



PHYSICAL CHARACTERISTICS Unit:mm

