



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 E-mail: eric@cnbestsolar.com

BEST Module

BEST-250W 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 $\pm 3\%$
- 25-years Limited warranty on Power output,5-years limited warranty on materials and workmanship



MC4 compatible



Clean Energy Council

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 E-mail: eric@cnbestsolar.com

SPECIFICATIONS—TUV certified

ITEM NO	BEST-250 W
Maximum Power(Wp)	250
Maximum Power Voltage(V)	48.5
Maximum Power Current(A)	5.15
Open Circuit Voltage(V)	58.1
Short Circuit Current(A)	5.58
Size of Module(mm)	1580× 1058× 50
Size of Glass(mm)	1574 × 1054 × 3.2
Size of solar cells(mm)	Mono 125 ×125 (5inch)
Number of cells(Pcs)	96
Maximum System Voltage(VDC)	1000
Temperature Coefficients of Isc (%/°C)	0.05
Temperature Coefficients of Voc (%/°C)	-0.35
Temperature Coefficients of Pm (%/°C)	-0.45
Nominal operating cell temperature	45±2
Temperature Range(°C)	-40—+85
Surface Maximum Load Capacity(Pa)	5400
Allowable Hail Load	Ø25mm_25m·s ⁻¹
Weight Per Piece (kg)	23
Efficiency for module (%)	14.82
Efficiency for cell(%)	16.83
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

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

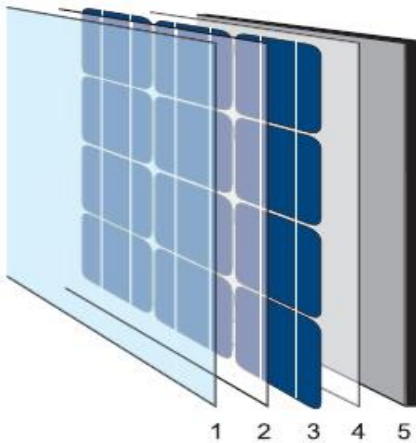


NingBo Best Solar Energy Technology Co.,Ltd.

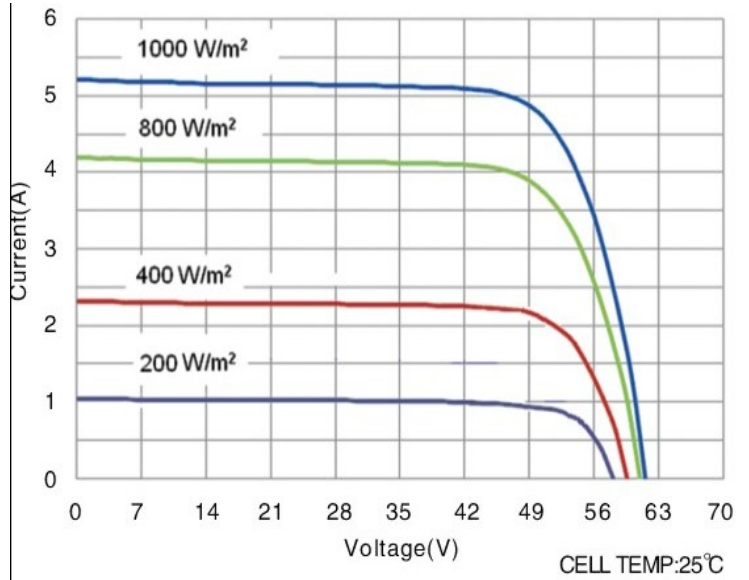
Add: NO.2 BeiXing Rd.(E),DaShiXiang Country,Mazhu Town, Yuyao,Ningbo, Zhejiang P.R.China

Tel:+86-574-62469386 Fax:+86-574-62469408 E-mail:eric@cnbestsolar.com

Electrical Performance cell temperature : 25°C



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



PHYSICAL CHARACTERISTICS Unit:m

