



Shenzhen Boda Solar Technology Co., Ltd.

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MONO SOLAR PANEL 75W-90W

Specifications

Dimension(H*W*D)	Number of cells	Cells size	Weight
1580mm*808mm*50mm	72PCS(6*12)	Mono cell 125mm*125mm	16kgs

Characteristics

Model No	BD-150W-M	BD-160W-M	BD-170W-M	BD-175W-M	BD-180W-M
Maximun power(PM)	150W	160W	170W	175W	180W
Open circuit volatge(Voc)	42.80V	43.2V	43.60V	43.80V	44.2V
Shortcircuit current(Isc)	4.58A	4.72A	5.14A	5.21A	5.30A
Optimum operating volatge(V)	35.2V	35.6V	35.60V	35.8V	36.10V
Module EFF (%)	11.70%	12.50%	13.30%	13.70%	14.00%
Optimum operating current(A)	4.26A	4.49A	4.83A	4.91A	5.0V

STC:irradiance1000W/m², Temperature 25°C, AM=1.5



Temperature and coefficient

NOCT	48± °C
Coefficient current TK	0.1%°C
Coefficient Voltage TK	-0.37%°C
Coefficient power TK	-0.45%°C

Limits

operating temperature	-40 to 85°C
Maximun system voltage	1000V (DC)

Quality Ensurance:

1. Excellent A Grade solar cell
2. Excellent backsheet from SFC, 3M;
3. EVA from Bridgestone / First;
4. Junction box with UL and TUV listed - GZX, IP65;
5. High transmission low iron tempered glass from Xinyi Glass - China Top 1;
6. Solar panels with TUV, CE, ISO9001 certified.

Module Warranty:

25-year limited warranty of 80% power output; 10-year limited warranty of 90% power output; 5-year limited warranty of materials and workmanship.