



Mechanical Characteristics

Cell Type	Mono
Front Material	PET/ETFE
Controller	PMW/MPPT
Connector	Anderson/MC4-Compatible

Temperature Characteristics

NOCT	45±2°C
Temperature coefficient of Pmax	-0.38%/°C
Temperature coefficient of Voc	-0.29%/°C
Temperature coefficient of Isc	0.05%/°C

Electrical Characteristics Under STC*

Module Type	ESSB-100W	ESSB-120W	ESSB-135W	ESSB-150W	ESSB-200W
Maximum Power-Pmax (Wp)	100	120	135	150	200
Voltage at Maximum Power-Vmp (V)	17.5	17.6	26.8	17.6	17.8
Current at Maximum Power -Imp (A)	5.72	6.82	5.04	8.53	11.3
Open Circuit Voltage-Voc (V)	22.4	22.6	30.2	22.6	22.6
Short Circuit Current-Isc (A)	6.17	7.26	5.73	9.01	11.6
Power Tolerance (W)	0/+3	0/+3	0/+3	0/+3	0/+3
Dimensions Unfolded (mm, L×W×H)	1060x680	1120x730	1610x530	1600x680	1120x1100
Dimensions Folded (mm, L×W×H)	530x680x10	360x370x60	530x540x20	530x680x20	530x370x60
Weight (kg)	3.5	3.9	4.0	5.2	5.9
Maximum System Voltage	1000VDC (IEC)				
Operating Temperature	-40°C ~ +85°C				

Packing List:

1. Folding Module x 1
2. MPPT Controller x 1
3. 5M cable with Anderson or MC4 x 1
4. 300MM cable with alligator&Anderson x 1
5. Waterproof fabric carrying Bag x 1
6. Operation manual x 1



STC (Standard Testing Conditions) : Irradiance 1000/m², Cell temperature 25°C, AM 1.5

NOCT(Nominal Operating Cell Temperature): Irradiance 800W/m², Ambient temperature 20°C, AM 1.5, Wind speed 1m/s

Electrical data in this sheet don't refer to a single module. They are not part of the offer, but only serve for comparison among different module types.