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Solar Panel Guide Specification Data Sheet

Jiangsu Jingdao New Energy Co., Ltd.

JDM6P-30

JD300M6P

Also available on the web at
EnergyPal.com/jiangsu-jingdao-new-energy-co-ltd-solar-panels/jd300m6p

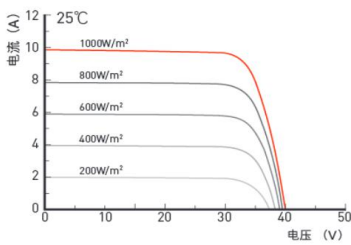
All the parameters are specified at 25 ° C, 1000 w/m2 under the condition of light intensity and hold AM1.5 STC test

STC		Electrical performance parameter		
Model number		JD300M6P	JD305M6P	JD310M6P
Component power range	(W)	300≤Pm<305	305≤Pm<310	310≤Pm<315
The most powerful	Pm(W)	300	305	310
Maximum working voltage	Vm(V)	32.8	33.0	33.2
Maximum working current	Im(A)	9.15	9.24	9.36
The open circuit voltage	Voc(V)	40.1	40.2	40.3
Short circuit current	Isc(A)	9.81	9.94	9.98
The efficiency of the component	(%)	18.3	18.7	19.0
Power temperature coefficient	(%/°C)		-0.80	
Open circuit voltage temperature coefficient	(%/°C)		-0.286	
Short circuit current temperature coefficient	(%/°C)		0.067	
The AAA solar simulator (IEC 6094-4), the electrical performance data test uncertainty is between plus or minus 3%				

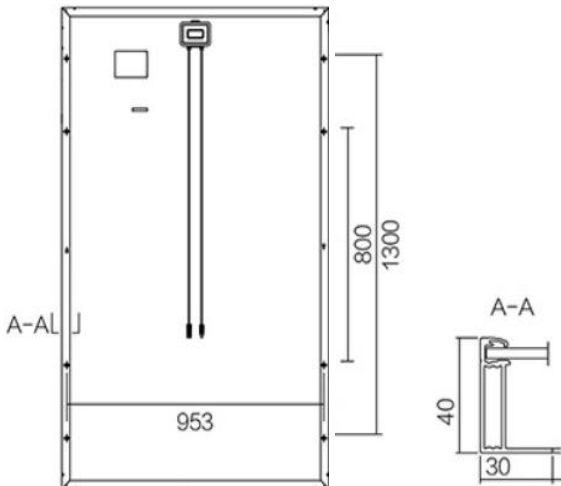
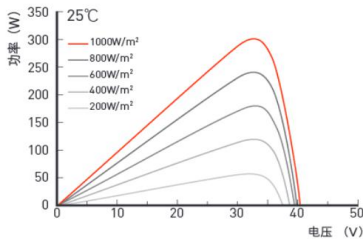
NOCT		JD305MP6P	JD310M6P
The most powerful	Pm(W)	224.2	227.9
Maximum working voltage	Vm(V)	30.3	30.5
Maximum working current	Im(A)	7.39	7.48
The open circuit voltage	Voc(V)	37.2	37.3
Short circuit current	Isc(A)	8.01	8.04
Nominal battery temperature		45±2°C	

Nominal operating temperature of the battery test conditions: 800 w squared/m light intensity, air temperature is 20 ° C, AM = 1.5, wind speed 1 m/s

电流-电压曲线 (JD300M6P-30)



功率-电压曲线 (JD300M6P-30)



The limit parameter	
Insulation voltage	6000/8000V
Working temperature	(°C) -40~+85
Maximum system voltage	(V DC) 1000/1500
Maximum fusing current	(A) 15
Maximum load	5400Pa(112.78lbf/ft²)

The mechanical parameters	
Diameter and length of cable models	4mm² ,TUV , 1000mm
Terminal type	Matching MC4 sub
The number of battery sheets and the columns	60 pieces of Single crystal cell (6x10)
The battery size	(mm) 156.75x156.75
Component size	(mm) 1640x992x35
The component weight	(Kg) 18
The number of water holes on the border	16
Glass model and thickness	Low iron high penetration 3.2mm toughened glass

Packing configuration	
Packing configuration	30PCS/carton
Pallet loading	60PCS/ Joe
Container load	840 pieces /40 feet high cabinet

The product specifications can be changed without prior notice.