



AJ-95-100W

Flexible Monocrystalline
high efficiency solar panel

18.06%
Conversion rate is 18.06%

Features

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Super light and Super thin design
The weight is only 1.4Kg, the thickness is only 1.4 mm.
Easy to install
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Integrated design
Leading the BIPV trend, to get the installation blend into the building
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High reliability
Conductive panel two dimension sealing tech, zero welding, strict environmental test, excellent anti-aging performance.
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Ultra-high flexibility
Using super-thin silicon solar cell and advanced organic polymer sealing material, bending radius can reach 0.25m as min.
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High efficiency
MWT tech. Solar cell, without busbar, much high module efficiency
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No lead environmental friendly
Adhere to the concept of green solar design, all material without lead,

Globally 25 years electricity generation performance

12Y
Quality warranty

25Y
Power warranty



※First year reduction rate less than 2.5% : 25 year's power warranty, generated power would be more than 82.36%.

Electronic parameter (STC)

Spec./Model	Unit	AJ95N36HS	AJ100N36HS
Max.Power (Pm)	W	95	100
Power tolerane	W	0~+5	
Best work voltage (Vm)	V	19.80	20.23
Best work current (Im)	A	4.82	4.96
Open circuit voltage (Voc)	V	23.87	24.31
Short circuit current (Isc)	A	5.07	5.22
Module efficiency (ηm)	%	17.15	18.06
STC:AM=1.5 · Irradiance 1000W/m ² , Temp.:25°C			

Electronic parameter (NMOT)

Spec./Model	Unit	AJ95N36HS	AJ100N36HS
Max.Power (Pm)	W	71	75
Best work voltage (Vm)	V	18.2	18.62
Best work current (Im)	A	3.91	4.04
Open circuit voltage (Voc)	V	22.16	22.56
Short circuit current (Isc)	A	4.17	4.29
NMOT: Irradiance 800W/m ² , Temp.:20°C, Wind speed:速1m/s			

Temp. coefficient

Cell rated work temp. (NMOT)	43±2°C
Power temp. coefficient	-0.36%/°C
Voltage temp. coefficient	-0.28%/°C
Current temp. coefficient	0.06%/°C

Mechanical performance

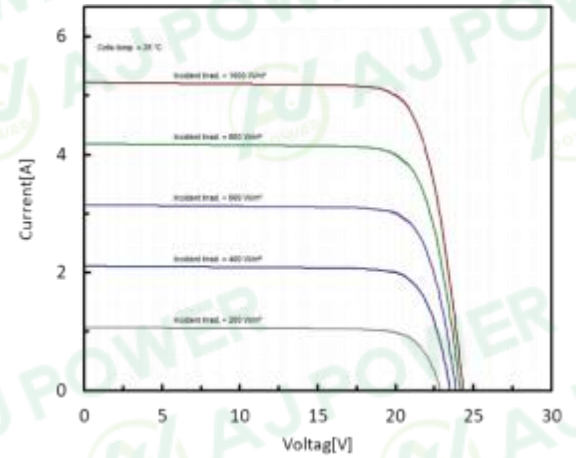
Module dimension(L×W×H)	1065mmx520mmx1.4mm (not includes junction box)
Weight	1.4kg
Back material	Back board (White)
Solar cell	36(12x3) / Mono crystalline PERC 162.75*81.375mm / φ223mm
Sealing m	EVA / POE
Frame	No
Junction box waterproof level	IP67
Cable spec. (length/sectional area)	Customized/ 4mm ²
Connector	MC4

Work condition

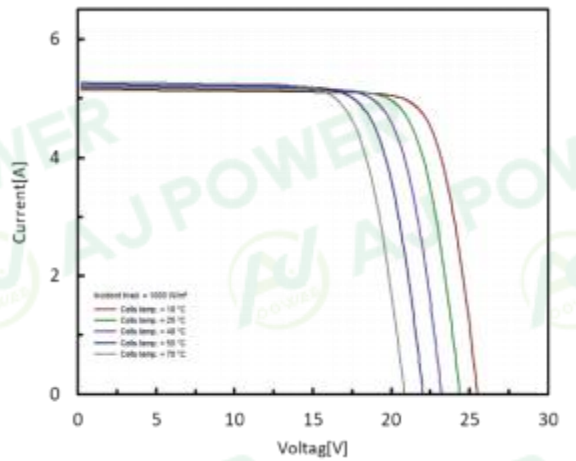
Max. System voltage	DC1000V(TUV)
Max. Fuse rated current	15A
Work temp. Range	-40°C ~ +85°C

IV—curve

I-V curve under different irradiance (AJ100N36HS)



I-V curve under different irradiance (AJ100N36HS)



Module dimension

