



AJ-365-385W

Flexible Monocrystalline
high efficiency solar panel

21.8%

Conversion rate is 21.8%

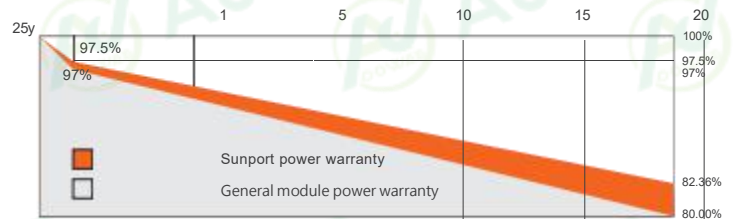
Features

- 
Super light and Super thin design
 The weight is only 5.7Kg, the thickness is only 2.5mm.
 Easy to install
- 
Integrated design
 Leading the BIPV trend, to get the installation blend into the building
- 
High reliability
 Conductive panel two dimension sealing tech, zero welding, strict environmental test, excellent anti-aging performance.
- 
Ultra-high flexibility
 Using super-thin silicon solar cell and advanced organic polymer sealing material, bending radius can reach 0.25m as min.
- 
High efficiency
 MWT tech. Solar cell, without busbar, much high module efficiency
- 
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%.

Electrical Performance Parameters (STC)

Specifications / Model	Unit of	AJ 365QHEs	AJ 370QHEs	AJ 375QHEs	AJ 380QHEs	AJ 385QHEs
Maximum power (Pm)	W	365	370	375	380	385
Power, tolerance	W			0~ +5		
Optimum operating voltage (Vm)		34.9	35.1	35.3	35.5	35.7
Best operating current (Im)	A	10.4	10.5	10.62	10.70	10.78
Open-circuit voltage (Voc)	V	42.4	42.6	42.8	43.0	43.2
Short-circuit current (Isc)	A	11.09	11.16	11.23	11.30	11.35
Assembly effective efficiency%(m)		20.7	21.0	21.2	21.5	21.8

STC: AM=1.5, irradiance 1000W / m², component temperature 25°C maximum power test
Tolerance ± 3%

Electrical performance parameters (NMOT)

Specifications / Model	Unit of	AJ 365QHEs	AJ 370QHEs	AJ 375QHEs	AJ 380QHEs	AJ385QHEs
Maximum power (Pm)	W	274	278	282	286	290
Optimum operating voltage (Vm)		32.8	33.0	33.2	33.4	33.6
Best operating current (Im)	A	8.35	8.42	8.49	8.56	8.64
Open-circuit voltage (Voc)	V	39.9	40.1	40.3	40.5	40.7
Short-circuit current (Isc)	A	8.91	8.98	9.05	9.12	9.19

NMOT: irradiance 800W / m², ambient temperature 20°C, wind speed 1m / s

temperature coefficient

Battery rated operating temperature (NMOT)	43±2°C
Power temperature coefficient	-0.36%/°C
voltage temperature coefficient	-0.28%/°C
current temperature coefficient	0.06%/°C

Condition

Maximum	DC1500V(IEC)
Maximum fuse-rated current	18A
operating temperature range	-40°C ~ 85°C

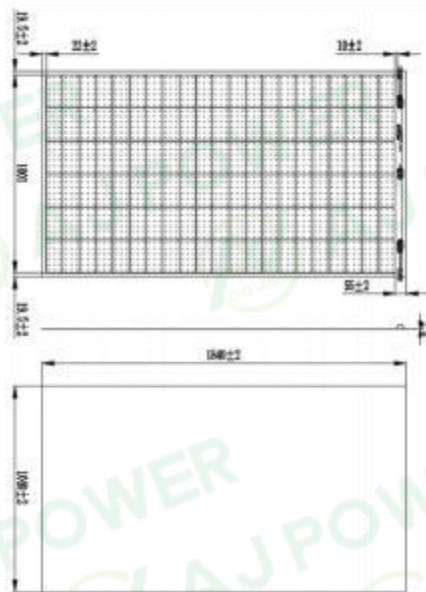
Mechanical, performance

Assembly installation size (length, width and height)	1840mm × 1040mm × 2.5mm
Component weight	5.7 kg
The back material	Backboard (white)
Electricity, pool	126 (21x6) / Single crystal / half-sheet
Packaging, materials	POE
Frame	frame-less
Junction box protection level	IP68
Cable specifications (length / cross-sectional area) customized according to the customer / 4mm ²	
Junction	MC 4 compatible
bending radius	0.3m

Package

type of container	spec. ific	Number of cells	Number of components per
	40'H	1104	46
platform trailer	13	1196	46
platform trailer	17.5	1564	46

Component size



IV— curve

I-V curve under different irradiance

I-V curves at different operating temperatures II- (AJ 375QHEs)

