

JYAAAM36

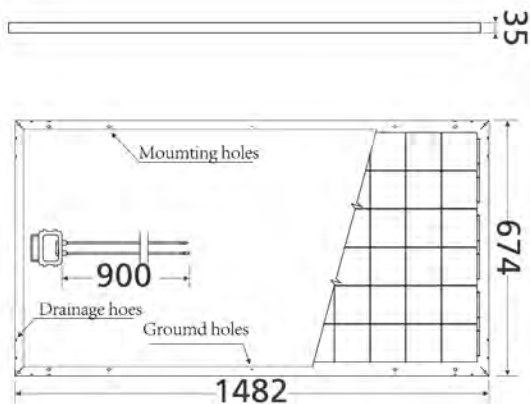
(AAA=165-170W)

(5BB)

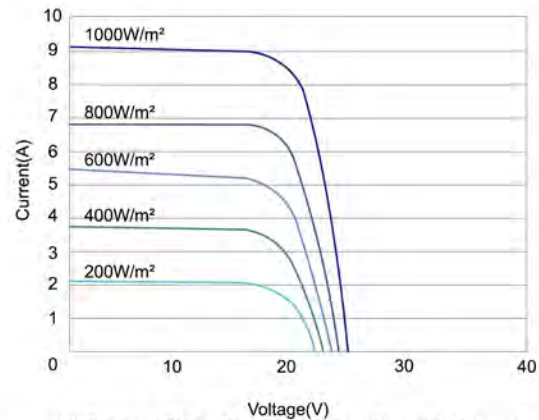


High Efficiency
Mono-crystalline Solar Module

Dimensions
(unit:mm)



I-V Curves



I-V Curves of PV module JYAAAM36 at different light power

Electrical Characteristics

Solar-cells:	Mono-Crystalline	156.75×156.75mm
	36pcs (4×9)	—5 bus bars
Max-power	165	170
Power tolerance	0±3%	
Voltage at pmax (Vmp)	19.1	19.3
Current at pmax (Imp)	8.64	8.99
Open-circuit voltage (Voc)	23.1	23.2
Short-circuit current (Isc)	9.58	9.61
Max-system voltage (VDC)	1000V(IEC)	
No. of bypass diodes (ocs.)	2	
Max. series fuse (A)	15A	
Temperature coefficient of pmax	-0.395%/°C	
Temperature coefficient of voc	-0.317%/°C	
Temperature coefficient of isc	0.0577%/°C	
Nominal operating cell temperature	45±2°C	

*STC Conditions (1000W/m²;1.5AM and 25°C cell temperature)

Mechanical Characteristics

Cable type, diameter and length	Φ=4mm², L=900±5mm
Type of connector	Genuine MC4
Dimension A×B×C	1482×674×35mm
Weight	11.3kg
No. of Draining holes in frame	16
Construction	Glass: high transmission, Low Iron, Tempered glass 3.2mm Encapsulation: EVA Back side: White
Junction box	IP67 Rated
Frame	Clear anodized aluminium alloy type 6063T5 frame

Qualification Test Parameters

Dielectric insulation voltage	6000VDC max
Operating Temperature	-40°C~+85°C
Max load	5400pa(downward)/2400pa(upward)
Hailstone impact	25mm(1inch) at 23m/s(52mph)
Fire rating	Class C
Packaging Configuration	1482 674 45/35mm
Packaging configuration	23pcs/box 28pcs/box
Loading capacity	838pcs/40HQ 1020pcs/40HQ 406pcs/20GP 476pcs/20GP