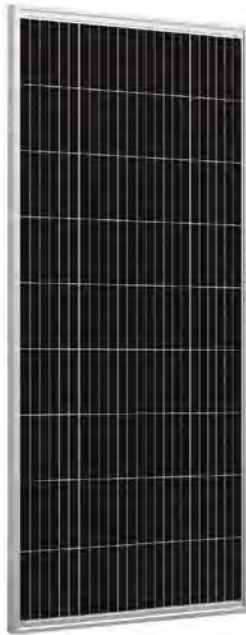


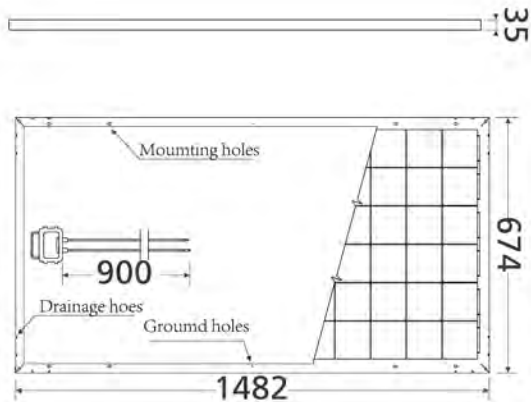
JYAAP36 (AAA=150-165W)

(5BB)

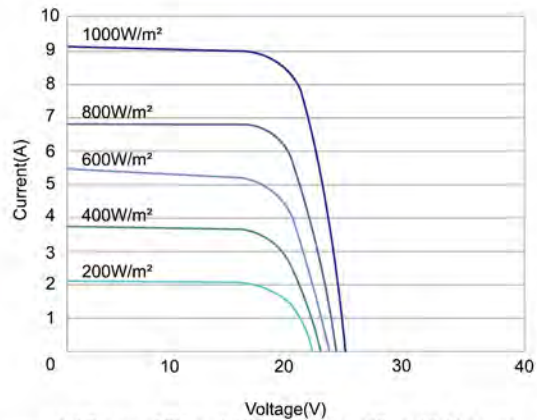


High Efficiency
Poly-crystalline Solar Module

Dimensions
(unit:mm)



I-V Curves



I-V Curves of PV module JYAAP36 at different light power

Electrical Characteristics

Solar-cells:	Poly-Crystalline 156.75×156.75mm 36pcs (4×9) — 5 bus bars			
Max-power	150	155	160	165
Power tolerance	0±3%			
Voltage at pmax (Vmp)	18.4	18.8	19.0	19.1
Current at pmax (Imp)	8.15	8.24	8.55	8.64
Open-circuit voltage (Voc)	22.9	23.0	23.3	23.4
Short-circuit current (Isc)	8.42	8.66	9.14	9.21
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 406pcs/20GP	1020pcs/40HQ 476pcs/20GP