

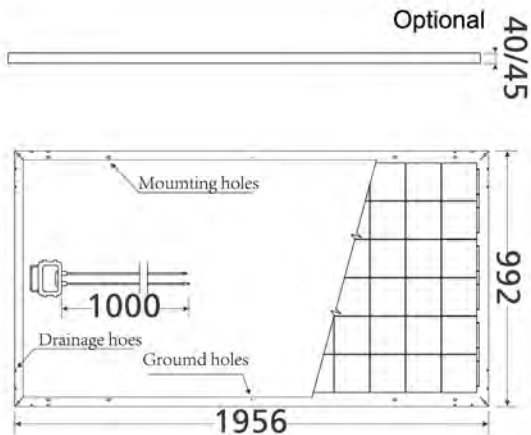
# JYAAP72 (AAA=300-330W)

( 5BB )

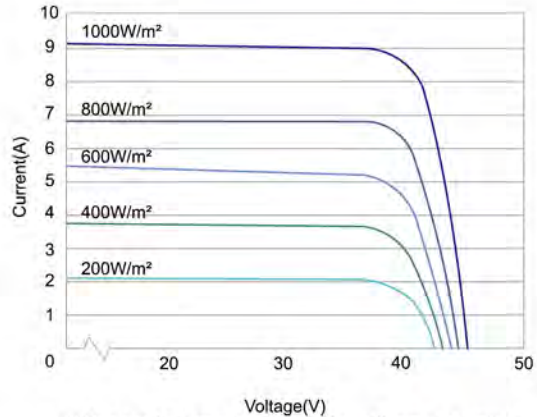


High Efficiency  
Poly-crystalline Solar Module

Dimensions  
(unit:mm)



## I-V Curves



I-V Curves of PV module JYAAP72 at different light power

## Electrical Characteristics

Solar-cells:	Poly-Crystalline 156.75×156.75mm 72pcs (6×12) —5 bus bars						
Max-power	300	305	310	315	320	325	330
Power tolerance	0±3%						
Voltage at pmax (Vmp)	36.6	36.8	37.0	37.2	37.4	37.6	37.8
Current at pmax (Imp)	8.20	8.30	8.38	8.48	8.56	8.65	8.75
Open-circuit voltage (Voc)	45.3	45.6	46.0	46.2	46.4	46.7	46.9
Short-circuit current (Isc)	8.84	8.91	8.96	9.01	9.06	9.11	9.14
Max-system voltage (VDC)	1000V(IEC)						
No. of bypass diodes (ocs.)	3						
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=1000±5mm
Type of connector	Genuine MC4
Dimension A×B×C	1956×992×45mm
Weight	21.5kg
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)
Hallstone impact	25mm(1inch) at 23m/s(52mph)
Fire rating	Class C
Packaging Configuration	1956 992 45mm
Packaging configuration	23pcs/box
Loading capacity	552pcs/40HQ 115pcs/20GP