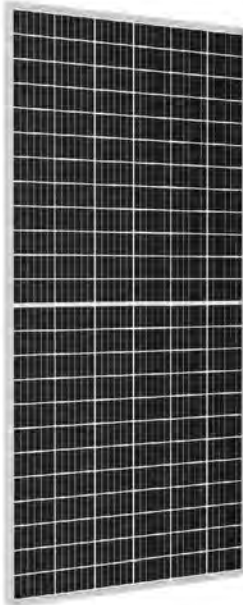


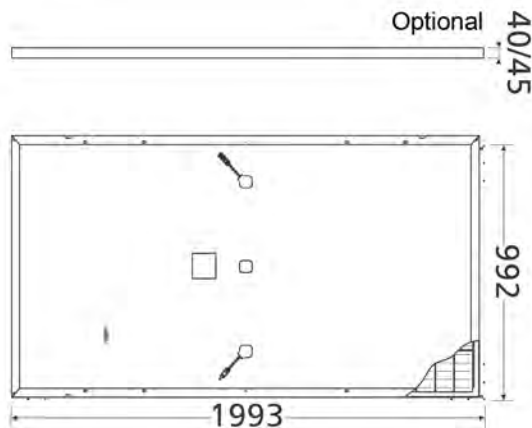
# JYAAP72-HC (AAA=325-345W)

(5BB)

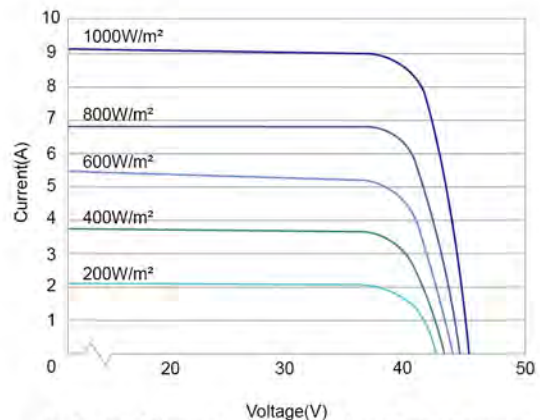


High Efficiency  
Poly-crystalline Solar Module

Dimensions  
(unit:mm)



### I-V Curves



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

### Electrical Characteristics

Solar-cells:	Poly-Crystalline 156.75×156.75mm 144pcs (12×12) —5 bus bars				
Max-power	325	330	335	340	345
Power tolerance	0±3%				
Voltage at pmax (Vmp)	37.6	37.8	38.0	38.2	38.5
Current at pmax (Imp)	8.64	8.72	8.80	8.88	8.96
Open-circuit voltage (Voc)	46.9	47.1	47.3	47.5	47.8
Short-circuit current (Isc)	8.97	9.05	9.13	9.21	9.28
Max-system voltage (VDC)	1000V(IEC)				
No. of bypass diodes (ocs.)	3				
Max. series fuse (A)	20A				
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/m<sup>2</sup>;1.5AM and 25°C cell temperature)

### Mechanical Characteristics

Cable type, diameter and length	Φ=4mm <sup>2</sup> , L=300±5mm
Type of connector	Genuine MC4
Dimension A×B×C	1993×992×40mm
Weight	26.5kg
No. of Draining holes in frame	16
Construction	Glass: 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	1993 992 40mm
Packaging configuration	26pcs/box
Loading capacity	728pcs/40HQ 156pcs/20GP