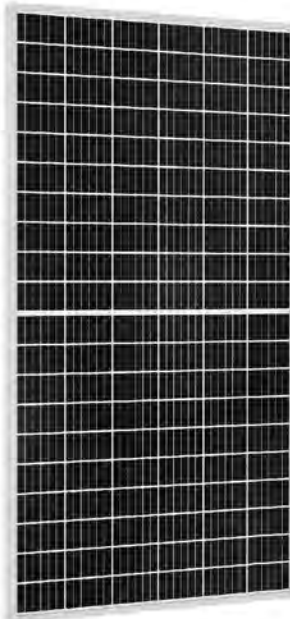


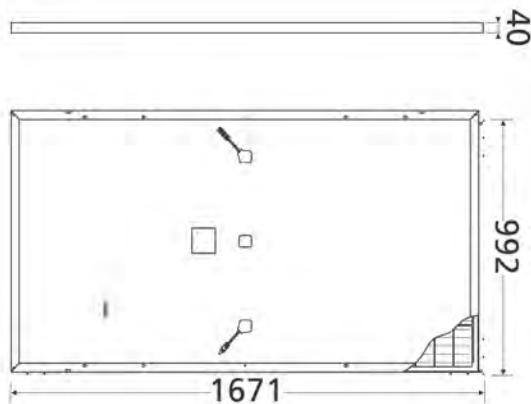
JYAAP60-HC (AAA=265-285W)

(5BB)

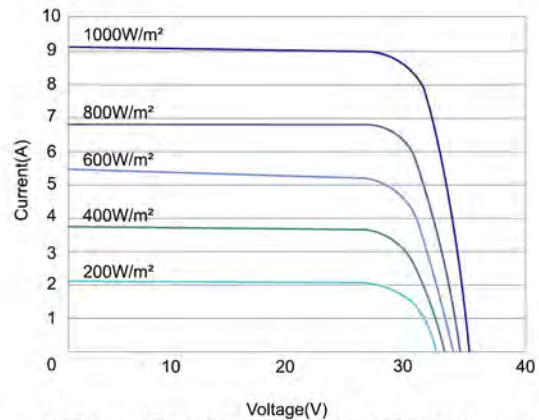


High Efficiency
Poly-crystalline Solar Module

Dimensions
(unit:mm)



I-V Curves



I-V Curves of PV module JYAAP60-HC at different light power

Electrical Characteristics

Solar-cells:	Poly-Crystalline 156.75×156.75mm 120pcs (12×10) —5 bus bars				
Max-power	265	270	275	280	285
Power tolerance	0±3%				
Voltage at pmax (Vmp)	31.5	31.7	32.0	32.3	32.6
Current at pmax (Imp)	8.41	8.51	8.59	8.66	8.73
Open-circuit voltage (Voc)	37.7	37.8	38.0	39.5	39.8
Short-circuit current (Isc)	9.01	9.06	9.12	9.18	9.24
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/m²;1.5AM and 25°C cell temperature)

Mechanical Characteristics

Cable type , diameter and length	Φ=4mm², L=300±5mm
Type of connector	Genuine MC4
Dimension A×B×C	1671×992×40mm
Weight	19.0kg
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	1671 992 40mm
Packaging configuration	26pcs/box
Loading capacity	728pcs/40HQ 156pcs/20GP