

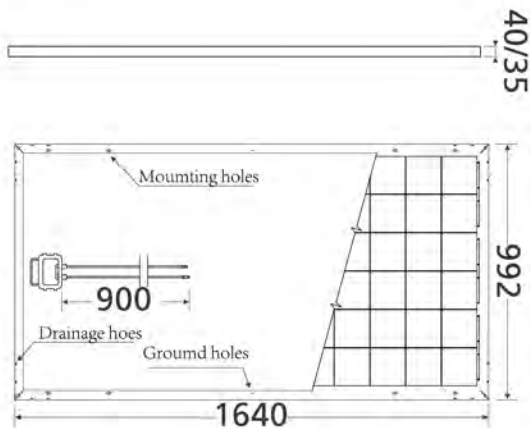
JYAAP60 (AAA=255-275W)

(5BB)

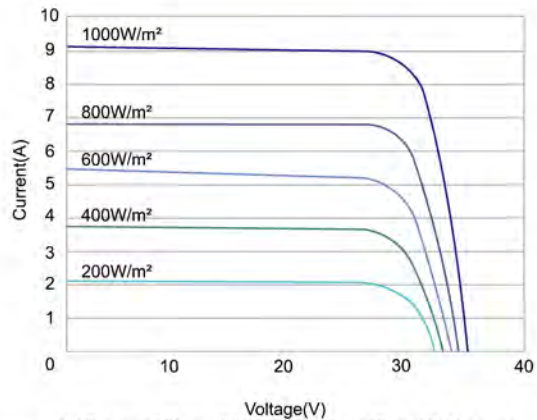


High Efficiency
Poly-crystalline Solar Module

Dimensions
(unit:mm)



I-V Curves



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

Electrical Characteristics

Solar-cells:	Poly-Crystalline 156.75×156.75mm 60pcs (6×10) —5 bus bars				
Max-power	255	260	265	270	275
Power tolerance	0±3%				
Voltage at pmax (Vmp)	30.8	31.1	31.4	31.7	32.0
Current at pmax (Imp)	8.28	8.37	8.44	8.52	8.61
Open-circuit voltage (Voc)	38.0	38.1	38.6	38.8	39.1
Short-circuit current (Isc)	8.92	8.98	9.03	9.09	9.15
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=900±5mm
Type of connector	Genuine MC4
Dimension A×B×C	1640×992×40/35mm
Weight	18.2/17.7kg
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	1640 992 40/35mm	
Packaging configuration	26pcs/bax	28pcs/bax
Loading capacity	728pcs/40HQ 156pcs/20GP	784pcs/40HQ 168pcs/20GP