

# AJP-M636 Series 155W-165W Multi-Crystalline Photovoltaic Modules

## Electrical Performance @ STC<sup>\*1</sup>

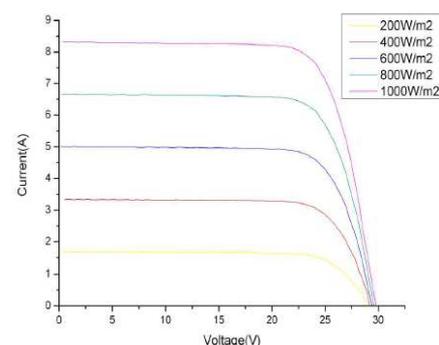
Maximum Power	Pmax[Wp]	155	160	165
Power Tolerance <sup>*2</sup>		+0~3%		
Solar Cell Type		Multi-Crystalline 6"		
Number of Solar Cells		36 (4 x 9)		
Maximum Power Voltage	Vmp[V]	18.2	18.56	18.91
Maximum Power Current	Imp[A]	8.52	8.62	8.73
Open Circuit Voltage	Voc[V]	22.97	23.19	23.41
Short Circuit Current Isc	Isc[A]	9.0	9.2	9.4
Module Efficiency	[%]	15.93%	16.45%	16.96%

\*1 STC: Irradiance level 1000 W/m<sup>2</sup>; Spectral AM1.5; Temperature 25°C

\*2 Power tolerance can be adjusted upon requests

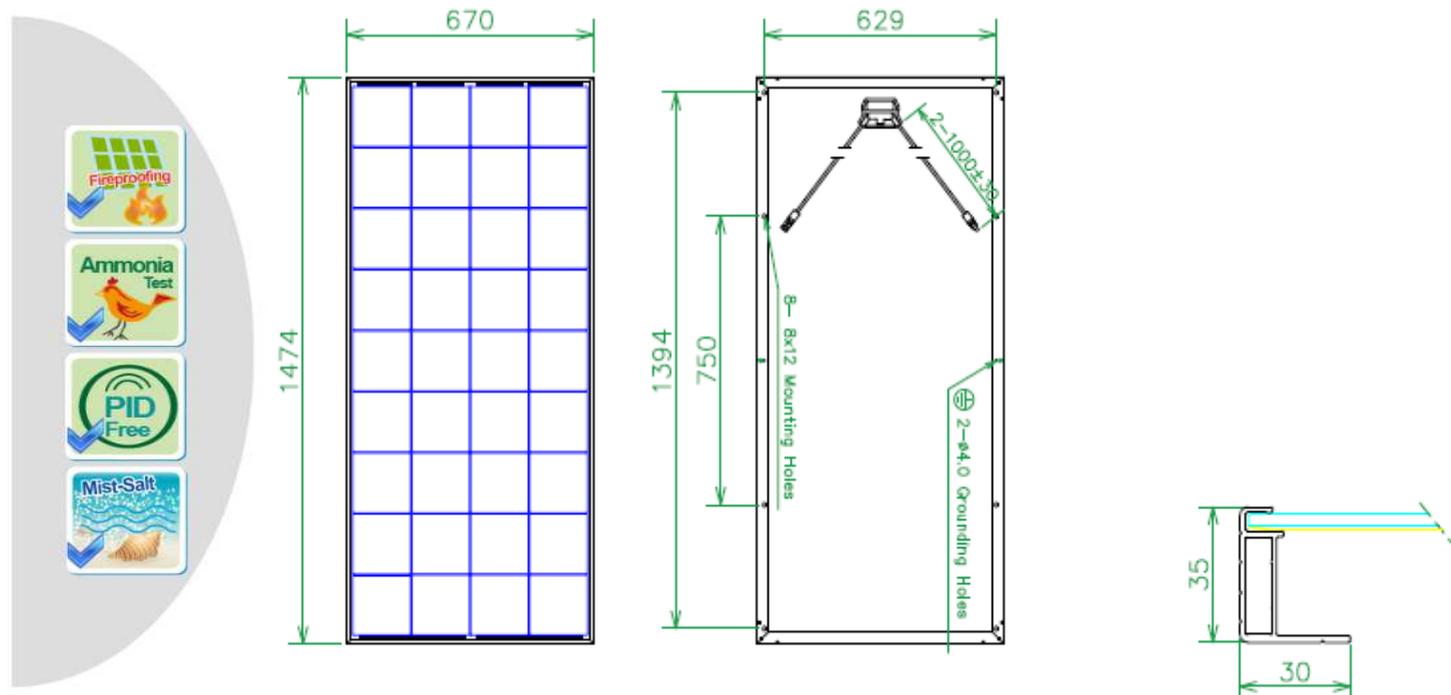
\*3 NOCT: 46±2°C

## IV Curve



## Mechanical Characteristics

Dimensions of the Module (W×H×D)(mm)	SEE AS BELOWS
Weight of the Module(kg)	12
Junction box	IP 68 or above with 3 bypass diodes ; cables 1M/φ 4mm <sup>2</sup>
Series fuse rating Inside Junction Box	15A



## Warranty

Product Warranty:  
10 Years for Material and Workmanship

Performance Guarantee:  
90% for 10 Years Guaranteed Output  
80% for 25 Years Guaranteed Output

## Working Condition

Maximum System Voltage: 1000V  
Operating Temperature: -40 ~ +85°C  
Maximum Static Load: Snow load 5400pa  
Wind load 3600pa

## Temperature Coefficient

Isc Temperature Coefficient:  $\alpha$ (%/°C) +0.08  
Voc Temperature Coefficient:  $\beta$ (%/°C) -0.34  
Pmax Temperature Coefficient  $\gamma$ (%/°C) -0.43

## Certificate



EN 61215  
EN 61730-1  
EN 61730-2



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\* Specification are subject to change without notice

