



**Eastman**  
ENERGY. UNLIMITED.



# POLYCRYSTALLINE SOLAR PANELS



MBB Cells



Anti-reflective glass



Outstanding Low Light Performance



Higher Generated Energy



Easy Installation



· IEC61215 / · IEC61730

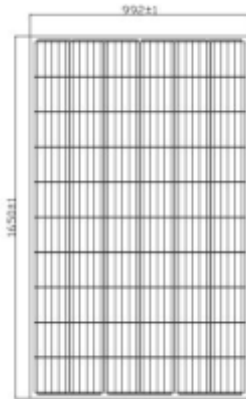


[www.eaplworld.com](http://www.eaplworld.com)

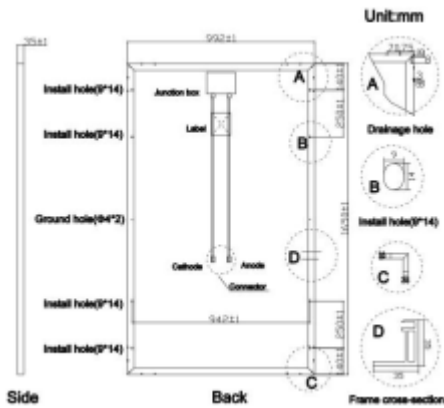
# EPS-270P



## PV DRAWINGS



Front



Side

Back

Frame cross-section

Unit:mm



## ELECTRICAL DATA

Model Type	EPS 270-18-P
Peak Power(Pmax)	270.00
Maximum Power Voltage(Vmp)	31.70
Maximum Power Current(Imp)	8.52
Open Circuit Voltage(Voc)	38.83
Short Circuit Current(Isc)	8.97
Module Efficiency( % )	16.49

\* STC: irradiance 1000 W/m<sup>2</sup>, AM 1.5, and cell temperature of 25°C

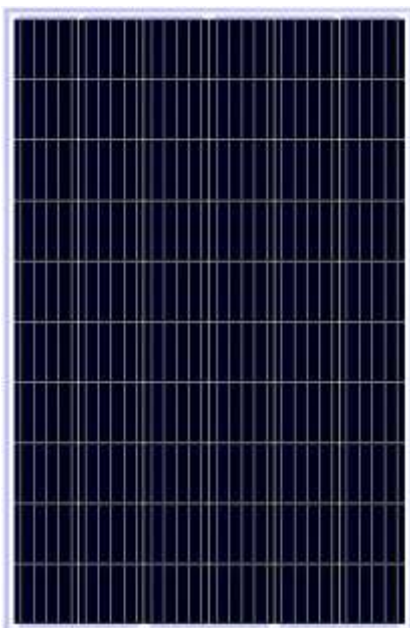
## TEMPERATURE & MAXIMUM RATING

Maximum System Voltage (V)	1000/1500
Maximum Series Fuse Rating (A)	20
Power Tolerance	0~+3%
Pmax Temperature Coefficients (W/°C)	-0.400%
Voc Temperature Coefficients (V/°C)	-0.300%
Isc Temperature Coefficients (A/°C)	+0.060%
NOCT Nominal Operating Cell Temperature (°C)	45±2
Operating and Storage Temperature (°C)	-40~+85

## MECHANICAL CHARACTERISTICS

Cell Type	Poly-Crystalline 156.75X156.75mm
No. of Cells	60(6X10)
Dimensions	1650X992X35mm
Weight	18.4kgs
Front Glass	3.2mm high transmission, low iron, tempered glass
Frame	Anodized Aluminum Alloy
Junction box	IP65/IP67
Output cables	4mm <sup>2</sup> cable 90cm+mc4
Max Wind Load /Snow	2400Pa/5400Pa

## EPS 270-30-P



## PRODUCT STANDARD

Product Performance	IEC61215
Product Safety	IEC61730

## PACKING

20FT Container	14 Packages / 400 Pcs
40HQ Container	28 Packages / 924 Pcs

## QUALIFICATIONS AND CERTIFICATES



• IEC61215 / • IEC61730