



Eastman
ENERGY. UNLIMITED.



POLYCRYSTALLINE SOLAR PANELS



MBB Cells



Anit-reflective glass



Outstanding Low Light Performance



Higher Generated Energy



Easy Installation



· IEC61215 / · IEC61730

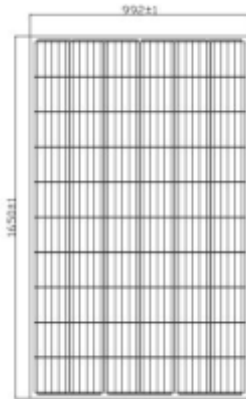


www.eaplworld.com

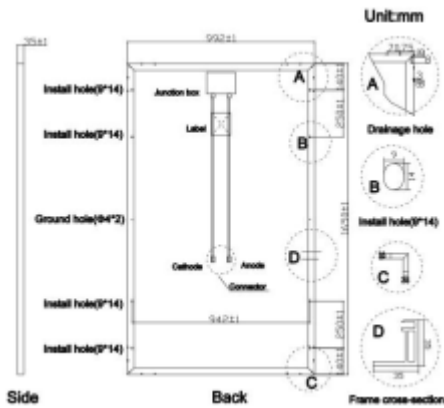
EPS-285P



PV DRAWINGS



Front



Side

Back

Frame cross-section

ELECTRICAL DATA

Model Type	EPS 285-30-P
Peak Power(Pmax)	285.00
Maximum Power Voltage(Vmp)	32.03
Maximum Power Current(Imp)	8.90
Open Circuit Voltage(Voc)	39.24
Short Circuit Current(Isc)	9.37
Module Efficiency(%)	17.41

* STC: irradiance 1000 W/m², AM 1.5, and cell temperature of 25°C

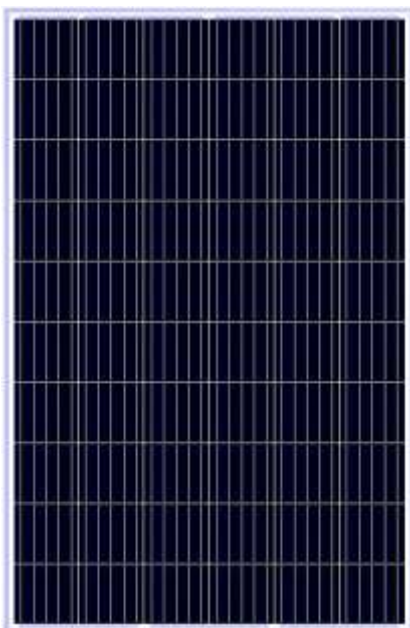
TEMPERATURE & MAXIMUM RATING

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 ² cable 90cm+mc4
Max Wind Load /Snow	2400Pa/5400Pa

EPS 285-30-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