



Eastman
ENERGY. UNLIMITED.



POLYCRYSTALLINE SOLAR PANELS



MBB Cells



Anti-reflective glass



Outstanding Low Light Performance



Higher Generated Energy



Easy Installation



· IEC61215 / · IEC61730



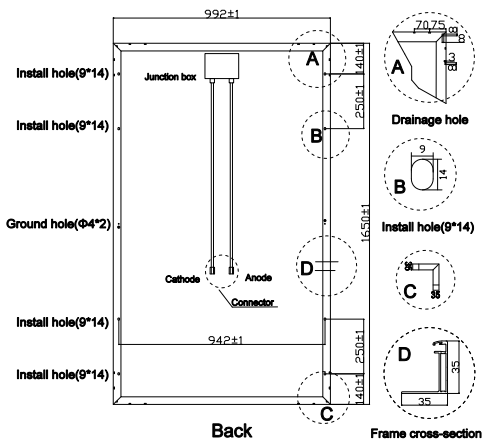
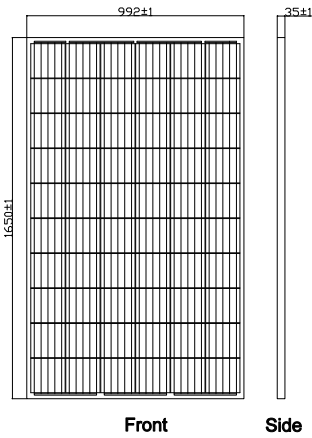
www.eaplworld.com

EPS-60P



PV DRAWINGS

Unit:mm



ELECTRICAL DATA (STC)

Model Type	ODA-270W30P	ODA-275W30P	ODA-280W30P	ODA-285W30P
Peak Power(Pmax)	270.00	275.00	280.00	285.00
Maximum Power Voltage(Vmp)	31.70	31.79	31.94	32.03
Maximum Power Current(Imp)	8.52	8.66	8.77	8.90
Open Circuit Voltage(Voc)	38.83±3%	38.94±3%	39.13±3%	39.24±3%
Short Circuit Current(Isc)	8.97±3%	9.12±3%	9.23±3%	9.37±3%
Module Efficiency(%)	16.49	16.80	17.10	17.41

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

ELECTRICAL DATA (NOCT)

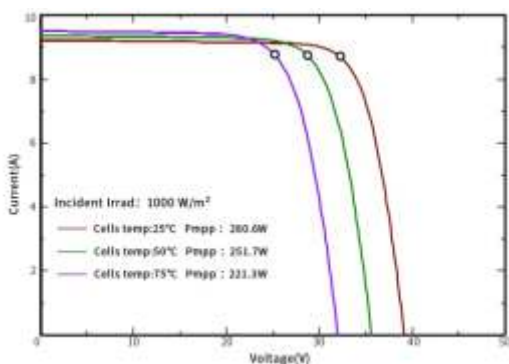
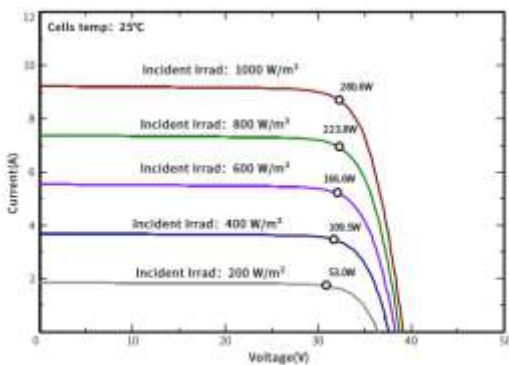
Model Type	ODA-270W30P	ODA-275W30P	ODA-280W30P	ODA-285W30P
Peak Power(Pmax)	200.00	204.00	208.00	212.00
Maximum Power Voltage(Vmp)	29.16	29.25	29.39	29.46
Maximum Power Current(Imp)	6.86	6.98	7.08	7.20
Open Circuit Voltage(Voc)	35.93±3%	36.04±3%	36.21±3%	36.29±3%
Short Circuit Current(Isc)	7.27±3%	7.40±3%	7.50±3%	7.63±3%

* NOCT: irradiance 800 W/m², AM 1.5, ambient temperature 20°C, wind speed 1 m/s

TEMPERATURE & MAXIMUM RATING

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

IV CURVE



MECHANICAL CHARACTERISTICS

Cell Type	156.75*156.75 Poly
No. of Cells	60 (6*10)
Dimensions	1650*992*35mm
Weight	18.40kg
Front Glass	3.2mm high transmission, low iron, tempered glass
Frame	Anodized Aluminium Alloy
Junction box	IP67/IP68 3diodes
Output cables	4mm ² cable 35cm (Including MC4 connector)
MaxWind Load/Snow Load	2400Pa/5400Pa

PACKING WAY

20FT container	12 Packages/372pcs
40HQ container	28 Packages/952pcs

QUALIFICATIONS AND CERTIFICATES



•IEC61215 / • IEC61730