



EMS-60M

POWER RANGE

320W~330W

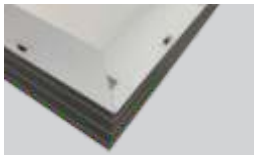
CELL SIZE

158.75*158.75mm



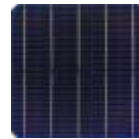
JUNCTION BOX

Waterproof protection grade:IP67/IP68
Safety Level: Class II
Maximum System Voltage: 1500V/1000V
outstanding waterproof level ·
Effectively resist harsh environments



Frame

Strong machinical load
resistance up to 5400Pa
Anodic oxidation layer resistant to
chemical corrosion available
in silver and black



5BB



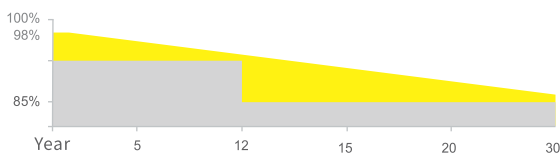
9BB

QUALIFICATIONS AND CERTIFICATES



· IEC61215 / · IEC61730

WARRANTY



12 YEARS Guarantee on product material and workmanship

30 YEARS Linear Power output warranty



MBB Cells

Absorbing current and reducing mismatched loss.



Outstanding low light performance

Available for outputting more power under low light conditions such as haze, cloudy or rainy days.



Anti-reflective glass

Increasing light absorption and reducing the loss of power.



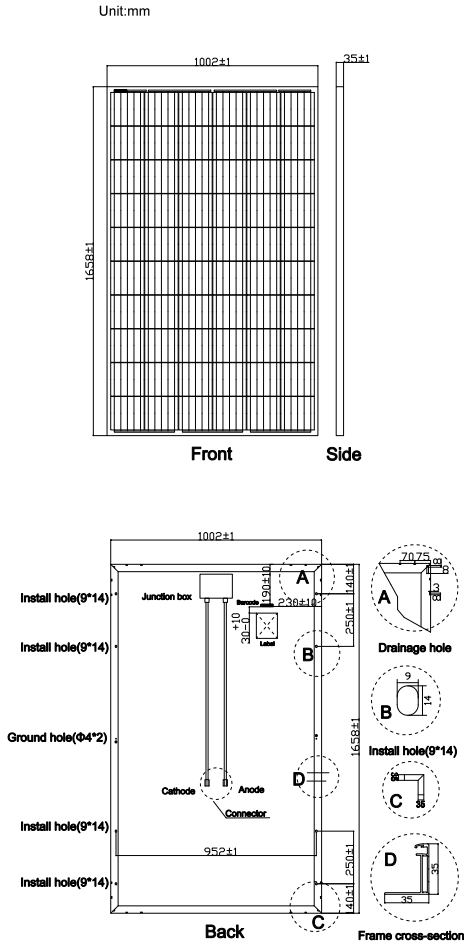
Excellent performance of PID resistance

The performance of PID resistance (Potential Induced Degradation) passed the standard of TUV Nord.



www.eaplworld.com

PV DRAWINGS



ELECTRICAL DATA (STC)

Model Type	EMS-320W30M	EMS-325W30M	EMS-330W30M
Peak Power(Pmax)	320.00	325.00	330.00
Maximum Power Voltage(Vmp)	32.84	32.94	33.04
Maximum Power Current(Imp)	9.75	9.87	9.99
Open Circuit Voltage(Voc)	40.23±3%	40.35±3%	40.47±3%
Short Circuit Current(Isc)	10.27±3%	10.39±3%	10.52±3%
Module Efficiency(%)	19.26	19.56	19.86

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

ELECTRICAL DATA (NOCT)

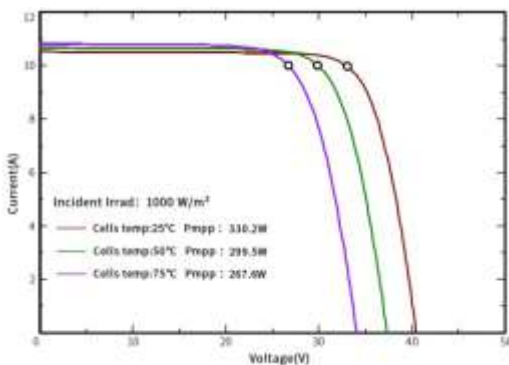
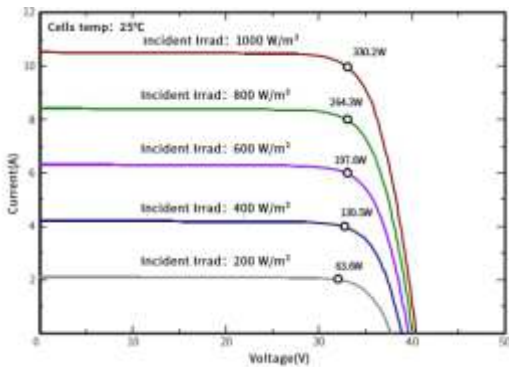
Model Type	EMS-320W30M	EMS-325W30M	EMS-330W30M
Peak Power(Pmax)	238.00	241.00	245.00
Maximum Power Voltage(Vmp)	30.71	30.80	30.90
Maximum Power Current(Imp)	7.75	7.83	7.93
Open Circuit Voltage(Voc)	37.83±3%	37.95±3%	38.07±3%
Short Circuit Current(Isc)	8.22±3%	8.30±3%	8.41±3%

* 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)	-0.290 %/°C
Isc Temperature Coefficients (A/°C)	+0.048 %/°C
NOCT Nominal Operating Cell Temperature (°C)	45±2 °C
Operating and Storage Temperature (°C)	-40~+85 °C

IV CURVE (330W)



MECHANICAL CHARACTERISTICS

Cell Type	158.75*158.75 Mono
No. of Cells	60 (6*10)
Dimensions	1658*1002*35mm
Weight	18.60kg
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

