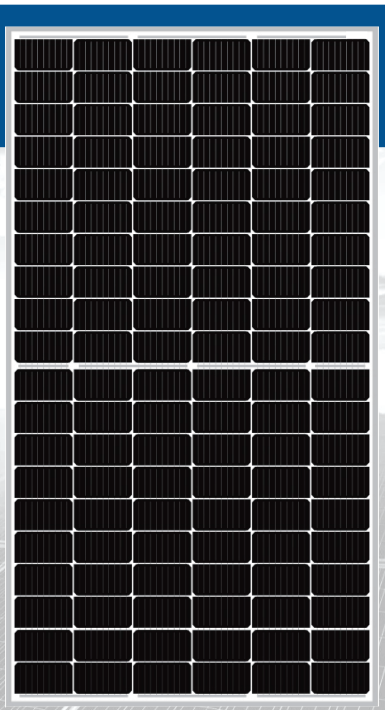
EAP-380 SERIES

High efficiency mono panel

EAP-360
EAP-365
EAP-370
EAP-375
EAP-380



DESIGNED, MACHINED AND ASSEMBLED IN THE USA

380W
Maximum Power Output

20.4%
Maximum Module Efficiency

0+~5W
Power Output Guarantee

engineered for

PERFORMANCE

380W — 360W-380W power range
20.4% module efficiency

$ — 4.5% lower LCOE
5.6% lower system cost

LID / LeTID mitigation
Up to 50% lower degradation

Utility grade
Guaranteed compatibility

Improved shade tolerance

° Please contact our EA Engineering Team for detailed technical specifications

designed for

RELIABILITY

Ruggedized construction

Built to withstand real-world conditions.
Rated for heavy snow loads up to 5400 Pa and wind loads up to 2400 Pa

Durable materials

Advanced manufacturing technology minimizes chances of micro-cracks resulting from impact or heat.

industry leading

PROTECTION

25 YEARS

Power Warranty
Guaranteed power
98% for 1st year
< 0.5%/yr. to year 25

25 YEARS

Product Warranty
Enhanced coverage on materials and workmanship

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ENERGY® AMERICA

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Electrical Specification (STC*)

Maximum Power	Pmax(W)	360	365	370	375	380
Maximum Power Voltage	Vmp(V)	33.74	34.09	34.46	34.8	35.15
Maximum Power Current	Imp(A)	10.67	10.71	10.74	10.78	10.82
Open Circuit Voltage	Voc(V)	40.39	40.67	40.95	41.23	41.49
Short Circuit Current	Isc(A)	11.13	11.16	11.18	11.2	11.22
Module Efficiency	(%)	19.6	19.8	20.0	20.2	20.4
Power Output Tolerance	(W)			0~+5		

* Irradiance 1000W/m², Module Temperature 25°C, Air Mass 1.5

Electrical Specification (NOCT*)

Maximum Power	Pmax (W)	266.75	270.92	274.23	277.54	280.71
Maximum Power Voltage	Vmp (V)	31.12	31.35	31.48	31.76	31.89
Maximum Power Current	Imp (A)	8.57	8.64	8.71	8.78	8.85
Open Circuit Voltage	Voc(V)	38.20	38.40	38.60	38.80	39.00
Short Circuit Current	Isc (A)	9.03	9.09	9.15	9.21	9.27

* Irradiance 800W/m², Ambient Temperature 20°C, Wind Speed 1m/s

Mechanical Data

Number of Cells	120 Cells (6×20)
Dimensions of Module L*W*H (mm)	1768×1048×35mm (69.60×41.25×1.38 inches)
Weight (kg)	21.0 kg
Glass	High transparency solar glass 3.2mm (0.13 inches)
Backsheet	White
Frame	Silver, anodized aluminium alloy
J-Box	IP68 Rated
Cable	4.0mm² (0.006 inches²), 300mm (11.8 inches)
Number of diodes	3
Wind/ Snow Load	2400Pa/ 5400Pa*
Connector	MC Compatible

* For more details please check the installation manual

Temperature Ratings

Nominal Operating Cell Temperature (NOCT)	44±2°C
Temperature Coefficient of Isc	+0.06%/°C
Temperature Coefficient of Voc	-0.30%/°C
Temperature Coefficient of Pmax	-0.39%/°C

Maximum Ratings

Operational Temperature	-40~+85°C
Maximum System Voltage	1500V DC -(H)
Max Series Fuse Rating	20A

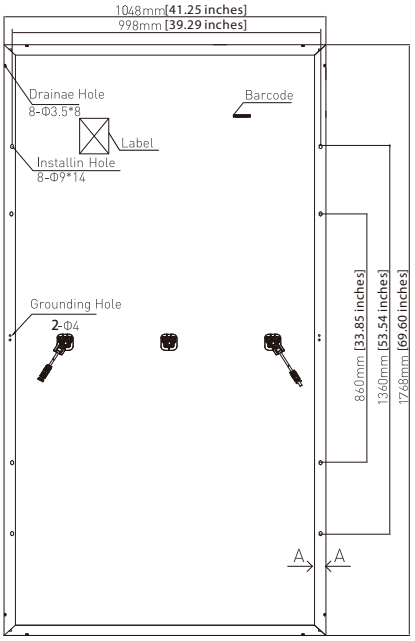
Packaging Configuration

Module per box	30 pieces
Module per 40' container	780 pieces

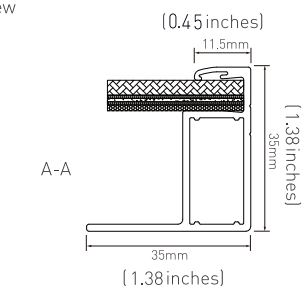
Optional

Connector	MC Original

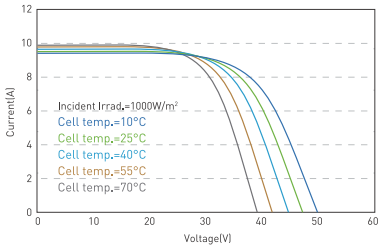
Module Dimension



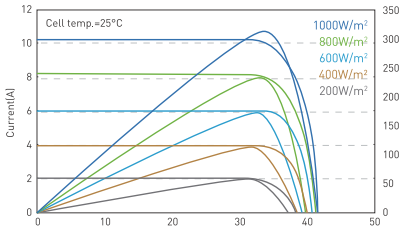
Back View



I-V Curve at Different Temperature (355W)



I-V/P-V Curve at Different Irradiation (355W)



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