

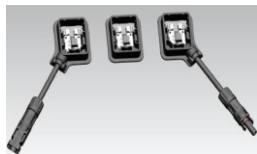
AU-120MH

POWER RANGE

360W~380W

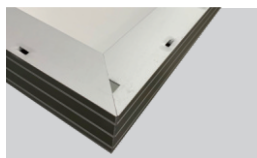
CELL SIZE

166*83mm



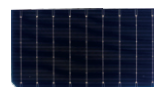
JUNCTION BOX

Waterproof protection grade:IP67/IP68
 Safety Level: Class II
 Maximum System Voltage: 1500V
 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



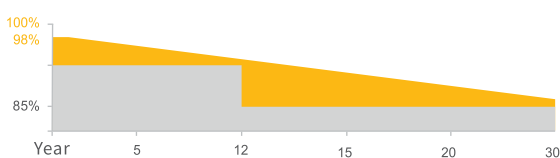
9BB

QUALIFICATIONS AND CERTIFICATES



· IEC61215 / · IEC61730

WARRANTY



12 YEARS Guarantee on product material and workmanship

30 YEARS Linear Power output warranty



Half-cut Technology

New circuit design, lower internal current and lower internal resistance loss



Significantly avoiding heat spot

The unique circuit design to reduce the temperature of heat spot significantly, so that to reduce the power loss and then increase the output of modules.



Lower cost

Increasing power generation can reduce the cost per kilowatt-hour

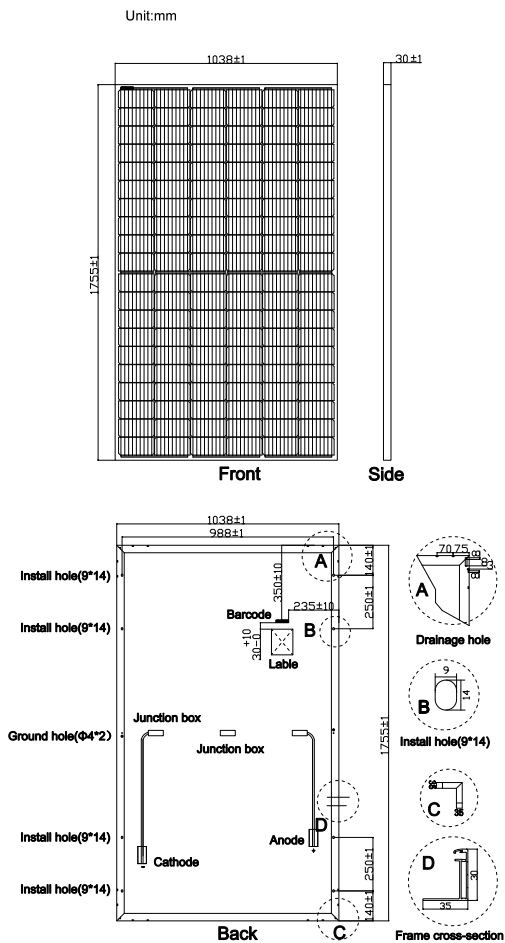


Excellent performance of PID resistance

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

AU-120MH

PV DRAWINGS



ELECTRICAL DATA (STC)

Model Type	AU360-30V -MH	AU365-30V -MH	AU370-30V -MH	AU375-30V -MH	AU380-30V -MH
Peak Power(Pmax)	360.00	365.00	370.00	375.00	380.00
Maximum Power Voltage(Vmp)	34.00	34.20	34.40	34.60	34.80
Maximum Power Current(Imp)	10.59	10.68	10.76	10.84	10.92
Open Circuit Voltage(Voc)	40.50±3%	40.80±3%	40.90±3%	41.10±3%	41.30±3%
Short Circuit Current(Isc)	11.35±3%	11.43±3%	11.52±3%	11.60±3%	11.69±3%
Module Efficiency(%)	19.76	20.03	20.31	20.58	20.85

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

ELECTRICAL DATA (NOCT)

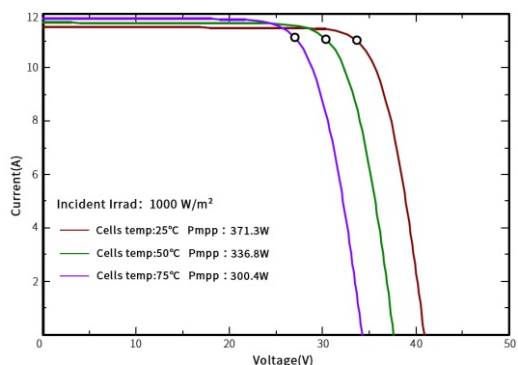
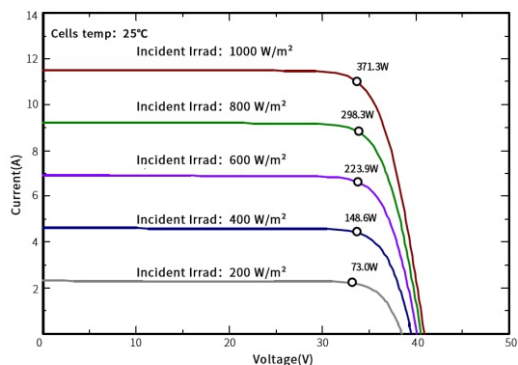
Model Type	AU360-30V -MH	AU365-30V -MH	AU370-30V -MH	AU375-30V -MH	AU380-30V -MH
Peak Power(Pmax)	268.80	272.60	276.30	280.00	283.80
Maximum Power Voltage(Vmp)	31.70	31.80	32.00	32.20	32.40
Maximum Power Current(Imp)	8.49	8.56	8.63	8.69	8.76
Open Circuit Voltage(Voc)	38.00±3%	38.20±3%	38.30±3%	38.50±3%	38.70±3%
Short Circuit Current(Isc)	9.17±3%	9.25±3%	9.32±3%	9.38±3%	9.45±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 V
Maximum Series Fuse Rating (A)	20 A
Power Tolerance	0~+3 W
Pmax Temperature Coefficients (W/°C)	-0.350 %/°C
Voc Temperature Coefficients (V/°C)	-0.270 %/°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 (370W)



MECHANICAL CHARACTERISRTICS

Cell Type	166*83 Mono
No. of Cells	120 (12*10)
Dimensions	1755*1038*30mm
Weight	19.50kg
Front Glass	3.2mm high transmission, low iron, tempered glass
Frame	Anodized Aluminium Alloy
Junction box	IP67/IP68 3diodes
Output cables	4mm ² cable 55cm (Inlcuding MC4 connector)
MaxWind Load/Snow Load	2400Pa/5400Pa

PACKING WAY

20FT container	6 Packages/222pcs
40HQ container	26 Packages/1014pcs