

A0X-108M10FL

390W-400W



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Lightweight

Optimized composite materials, 60% lighter at the same power.
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Resin-fiber Strength Improvement

The modulus is as high as 1300MPa, improving the overall strength of the module and solving the hidden crack problem of the cell.
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Self-developed Polymer Materials

Light transmittance $\geq 91\%$, far more than conventional solar panels, photoelectricity conversion without a barrier. Ultra-high UV blocking ability ensures power generation efficiency for 25 years.
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Easy to Install

Factory-integrated for easy transportation and handling; Eliminating traditional bracket systems and saving installation costs and time.
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V0 Rated flame retardant materials

Use V0 Rated flame retardant materials to improve component fire performance.

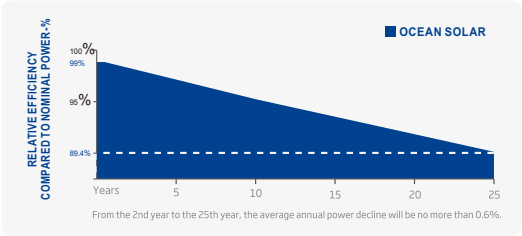
* Specifications subject to technical changes and tests. Kinse Solar reserves the right of interpretation.

PRODUCT Certifications



PRODUCT Warranty

- 12-year Warranty for Materials and Processing
- 25-year Warranty for Extra Linear Power Output



Electrical Characteristics(STC*)

Module Type	AOX-108M10FL390W	AOX-108M10FL395W	AOX-108M10FL400W
Maximum Power(Pmax)[W]	390	395	400
Power tolerance[W]	0 ~ +5		
Maximum Power Voltage(Vmp)[V]	30.78	30.98	31.18
Maximum Power Current (Imp)[A]	12.69	12.76	12.83
Open-circuit Voltage (Voc)[V]	36.64	36.84	37.04
Short-circuit Current (Isc)[A]	13.58	13.66	13.73
Module Efficiency STC(%)	18.73	18.97	19.21

*STC : Irradiance at 1000 W/m², Cell Temperature 25℃, Air Mass AM1.5

Electrical Characteristics(NOCT*)

Module Type	AOX-108M10FL390W	AOX-108M10FL395W	AOX-108M10FL400W
Maximum Power(Pmax)[W]	290	294	298
Maximum Power Voltage(Vmp)[V]	28.10	28.26	28.42
Maximum Power Current (Imp)[A]	10.33	10.40	10.47
Open-circuit Voltage (Voc)[V]	34.76	34.83	34.90
Short-circuit Current (Isc)[A]	11.01	11.07	11.13

*NOCT : Irradiance at 800W/ m² . Ambient Temperature 20℃ , Wind Speed 1 m/s

Mechanical Characteristics

Cell Type	P type Mono-crystalline 182 * 91mm
No. of cells	108(12 x 9)
Dimensions	2246 * 927 * 2.6 mm
Weight	6.2 Kg
Junction Box	IP68 Rated
Output Cables	4.0 mm²
Cable Length	400mm or Customized Length

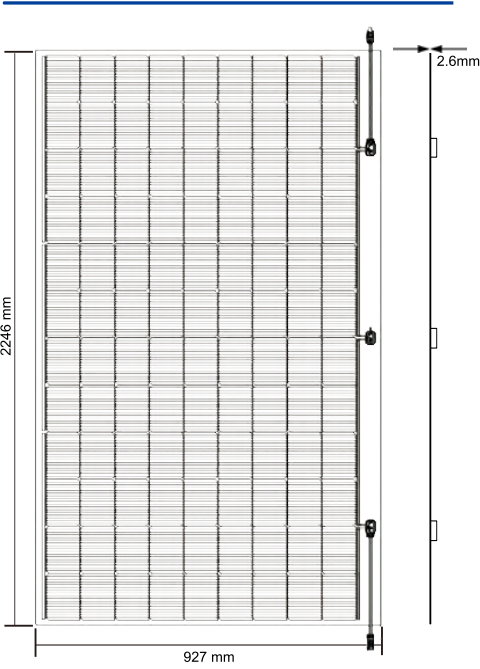
Application parameters

Maximum system voltage	DC1500V(IEC)
Maximum series fuse rating	25A

Temperature coefficient

Temperature coefficients of Pmax	-0.37 %/℃
Temperature coefficients of Voc	-0.28 %/℃
Temperature coefficients of Isc	0.05 %/℃
Operating Temperature	-40℃ ~ +85℃
Nominal operating cell temperature (NOCT)	45±2 ℃

Dimension

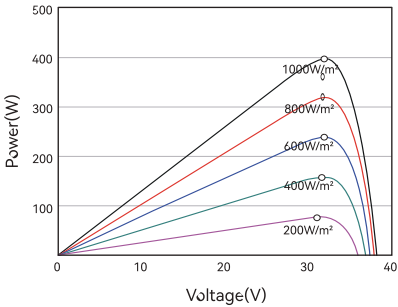


Packaging Configuration

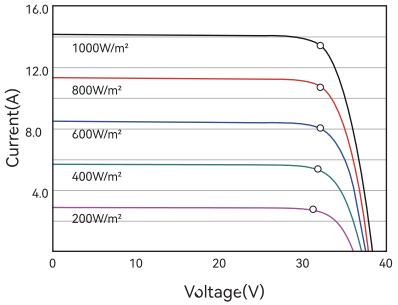
70pcs/pallets, 1400pcs/ 40'HQ Container

Electrical Performance

P-V Curves of PV Module (400W)



I-V Curves of PV Module (400W)



High-tech enterprises in China



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