

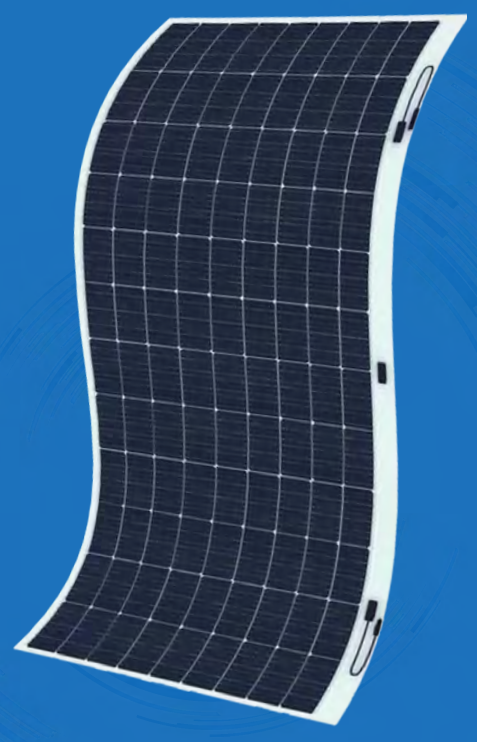


P-Type

390W~400W

MONO-FLEXIBLE MODULE

IEC61215(2016),IEC61730(2016)
ISO9001:2015 Quality Management System
ISO14001:2015 Environment Management System
ISO45001:2018 Occupational Health and Safety Management System



Key Features

Lightweight
Optimized composite materials, 60% lighter at the same power.

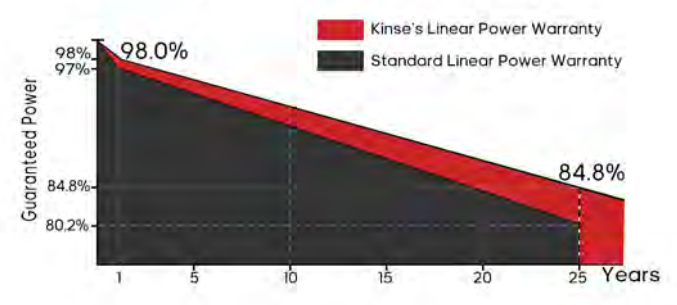
Resin-fiber Strength Improvement
The modulus is as high as 1300MPa, improving the overall strength of the module and solving the hidden crack problem of the cell.

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.

Easy to Install
Factory-integrated for easy transportation and handling; Eliminating traditional bracket systems and saving installation costs and time.

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

Linear Performance Warranty



Leading product and power warranty

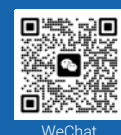
12YEAR Materials and workmanship warranty

25YEAR Linear power warranty



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Web

WeChat

WhatsApp

Electrical Characteristics(STC*)

Module Type	KS390-108-M182-FL	KS395-108-M182-FL	KS400-108-M182-FL
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°C, Air Mass AM1.5

Electrical Characteristics(NOCT*)

Module Type	KS390-108-M182-FL	KS395-108-M182-FL	KS400-108-M182-FL
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 C , 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	6.8 Kg
Junction Box	IP68 Rated
Output Cables	4.0 mm ²
Cable Length	400mm or Customized Length

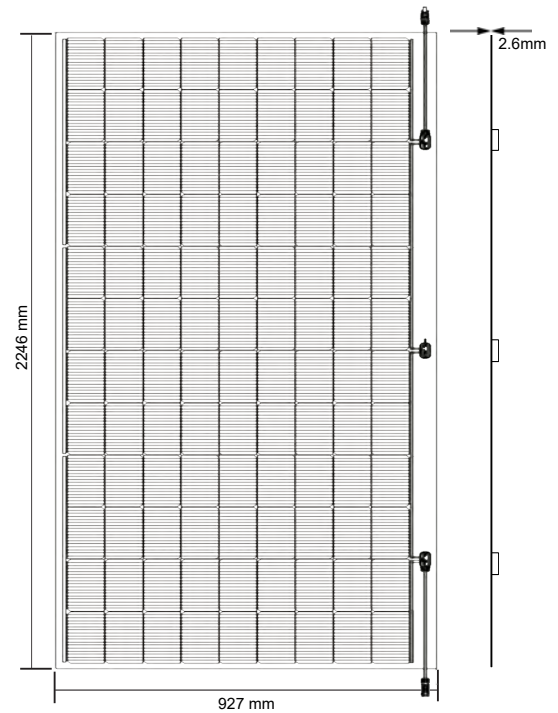
Application parameters

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

Temperature coefficient

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

Dimension

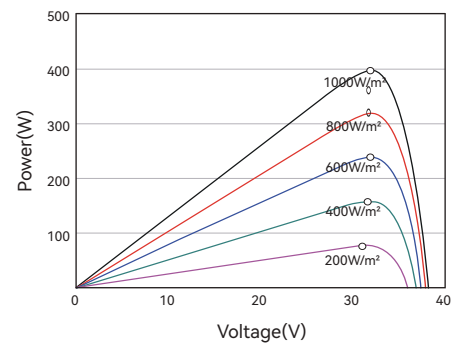


Packaging Configuration

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

Electrical Performance

P-V Curves of PV Module (400W)



I-V Curves of PV Module (400W)

