

ZXP6-HLD144 Series

Znshinesolar 5BB HALF-CELL Light-Weight Double Glass Polycrystalline PV Module



330W | 335W | 340W | 345W | 350W | 355W



Excellent cells efficiency

5 busbar solar cell adopts new technology to improve the efficiency of modules, offers a better aesthetic appearance, making it perfect for rooftop installation.



Better Weak Illumination Response

More power output in weak light condition, such as haze, cloudy, and early morning.



Anti PID

Ensured PID resistance through the quality control of cell manufacturing process and raw materials.



Adapt To Harsh Outdoor Environment

Resistant to harsh environments such as salt, ammonia, sand, high temperature and high humidity environment.



TIER 1

Global, Tier 1 bankable brand, with independently certified state-of-the-art automated manufacturing.



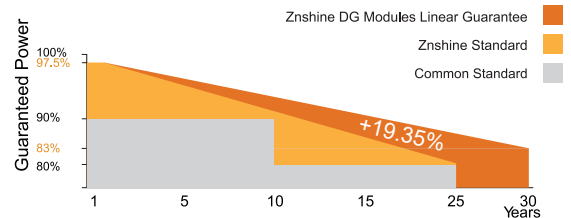
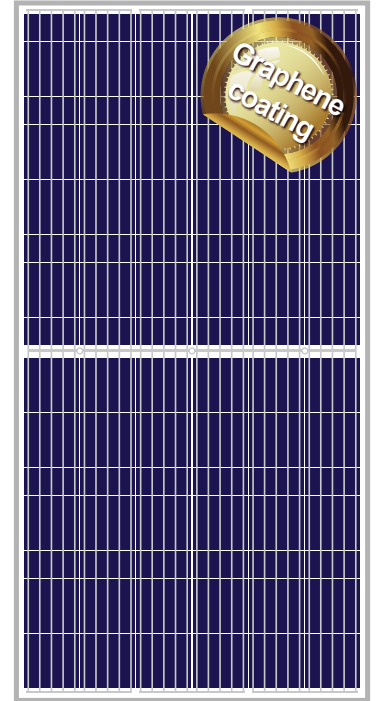
Excellent Quality Management System

Warranted reliability and stringent quality assurances well beyond certified requirements.



Graphene Coating

Graphene coating modules can increase power generation and self-cleaning, also can save maintenance cost



12 years product guarantee
30 years output guarantee



0.5% annual degradation
after the first year



Founded in 1988, ZNShine solar is a world's leading high-tech PV module manufacturer. With the state-of-the-art production lines, the company boasts module capacity of 6GW. Bloomberg has listed ZNShine as a global Tier 1 PV module maker. Today Znshine has distributed its sales to more than 60 countries around the globe.

ELECTRICAL CHARACTERISTICS | STC*

Nominal Power Watt Pmax(W)*	330	335	340	345	350	355
Power Output Tolerance Pmax(%)	0~+3	0~+3	0~+3	0~+3	0~+3	0~+3
Maximum Power Voltage Vmp(V)	37.70	37.90	38.10	38.30	38.50	38.70
Maximum Power Current Imp(A)	8.76	8.84	8.93	9.01	9.10	9.18
Open Circuit Voltage Voc(V)	46.40	46.60	46.80	47.00	47.20	47.40
Short Circuit Current Isc(A)	9.10	9.16	9.22	9.28	9.37	9.45
Module Efficiency (%)	16.82	17.07	17.33	17.58	17.84	18.09

*STC (Standard Test Condition): Irradiance 1000W/m², Module Temperature 25°C, AM 1.5
 *Measuring tolerance: ±3%

ELECTRICAL CHARACTERISTICS | NMOT*

Maximum Power Pmax(Wp)	244.60	248.30	252.60	256.40	260.30	264.00
Maximum Power Voltage Vmpp(V)	35.30	35.50	35.80	36.10	36.30	36.50
Maximum Power Current Imp(A)	6.93	6.99	7.05	7.10	7.17	7.23
Open Circuit Voltage Voc(V)	42.80	43.00	43.20	43.40	43.50	43.70
Short Circuit Current Isc(A)	7.37	7.42	7.46	7.51	7.59	7.65

*NMOT(Nominal module operating temperature):Irradiance 800W/m²,Ambient Temperature 20°C,AM 1.5,Wind Speed 1m/s

MECHANICAL DATA

Solar cells	Poly
Cells orientation	144 (6×24)
Module dimension	1978×992×30 mm(With Frame)
Weight	25.5 kg
Glass	2.0 mm+2.0mm, High Transmission, AR Coated Heat Strengthened Glass
Junction box	IP 68, 3 diodes
Cables	4 mm ² , 350 mm
Connectors	MC4-compatible

TEMPERATURE RATINGS

WORKING CONDITIONS

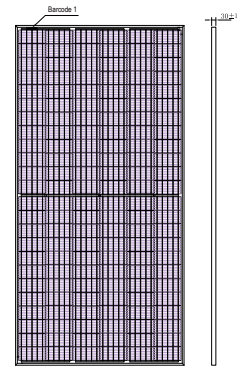
NMOT	45°C ±2°C	Maximum system voltage	1500 V DC
Temperature coefficient of Pmax	-0.39%/°C	Operating temperature	-40°C~+85°C
Temperature coefficient of Voc	-0.31%/°C	Maximum series fuse	15 A
Temperature coefficient of Isc	0.06%/°C	Maximum load(snow/wind)	5400 Pa / 2400 Pa

*Do not connect Fuse in Combiner Box with two or more strings in parallel connection
 *Remark:Electrical data in this catalog do not refer to a single module and they are not part of the offer.They only serve for comparison among different module types.

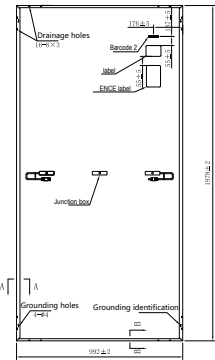
PACKAGING CONFIGURATION

Piece/Box	36
Piece/Container(40'HQ)	864
Piece/Container(with additional small package)	/

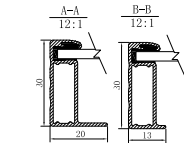
DIMENSIONS(MM)



Front View

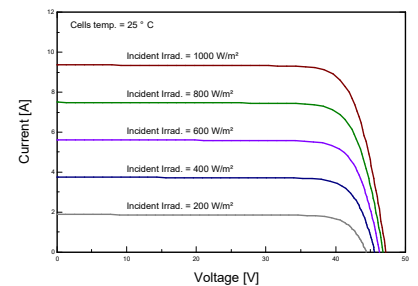


Back View



*No mounting hole, needs to be installed through clamp method.

I-V CURVES OF PV MODULE(350W)



P-V CURVES OF PV MODULE(350W)

