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Solar Panel Guide Specification Data Sheet

Znshine PV-tech Co., Ltd.

ZXP6-D72-320-340/P

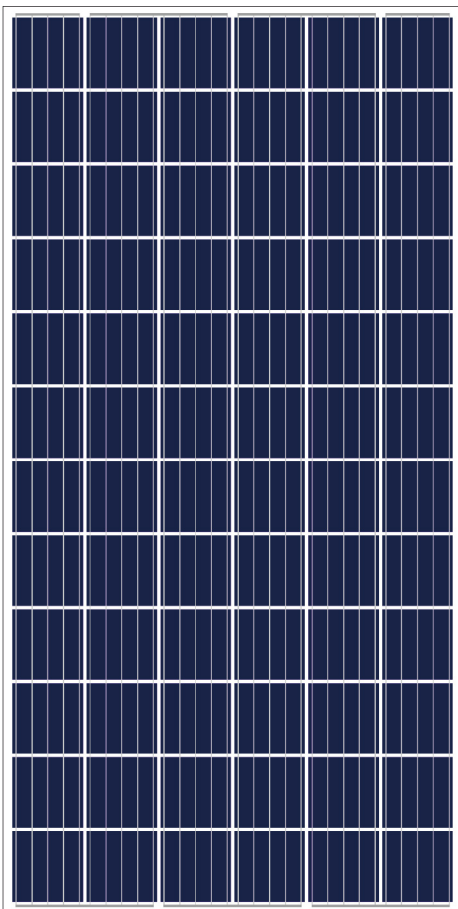
ZXP6-D72-320/P

Also available on the web at
EnergyPal.com/znshine-pv-tech-co-ltd-solar-panels/zxp6-d72-320-p



ZXP6 | D72 Cells

Double-Glazed Poly PV module 320-340 Watt



Made with selected materials and components to grant quality, duration, efficiency and through outputs, the D72-cell Double-Glazed modules by ZNSHINE SOLAR(power output 320 up to 340W) feature increased light transmission and have both decorative and shading functions.They represent the perfect choice for BIPV and BAPV construction applications. This allows you to produce clean energy whilst reducing your energy bill.

ZNSHINE SOLAR'S D72-cell Double-Glazed solar modules are tested and approved by international acknowledged laboratories, so that we can offer our customers a reliable and price-quality optimized product.



High module efficiency up to 17.33%



30-year-linear warranty on outputs



Certified to withstand extreme static loads of 5400 Pa



Free from PID (Potential Induced Degradation)



Extensive green certificates

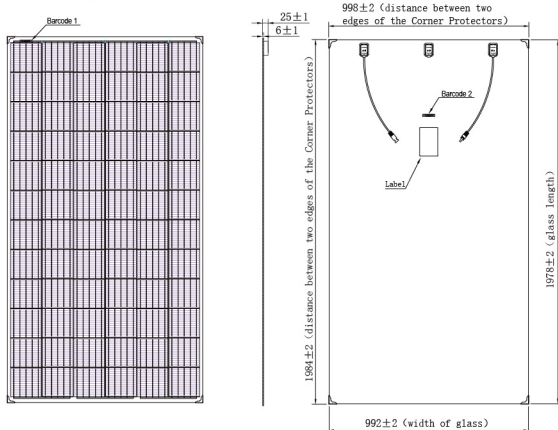


ISO 9001
ISO 14001
OHSAS 18001

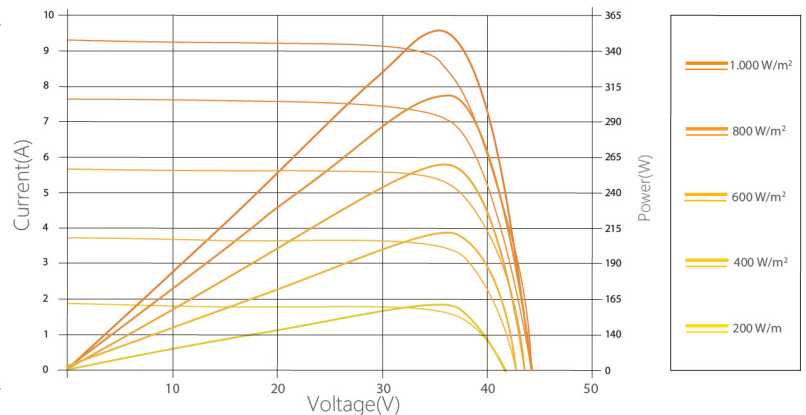


ZXP6 D72/320-340

Dimension of the PV module



I-V Curves of the PV module



Electrical data

Model	ZXP6-D72-320/P	ZXP6-D72-325/P	ZXP6-D72-330/P	ZXP6-D72-335/P	ZXP6-D72-340/P
Nominal Power Watt $P_{max}(W_p)$	320	325	330	335	340
Power Output Tolerance $P_{max}(\%)$	0~+3	0~+3	0~+3	0~+3	0~+3
Maximum Power Voltage $V_{mp}(V)$	37.13	37.32	37.50	37.69	37.87
Maximum Power Current $I_{mp}(A)$	8.62	8.71	8.80	8.89	8.98
Open Circuit Voltage $V_{oc}(V)$	45.33	45.55	45.77	45.99	46.21
Short Circuit Current $I_{sc}(A)$	9.21	9.27	9.33	9.39	9.45
Module Efficiency $\eta_m(\%)$	16.31	16.56	16.82	17.07	17.33

Mechanical data

Solar cells	Poly 156×156 / 156.75×156.75 mm
Cells orientation	72 (6×12)
Module dimension	1978×992×25 mm(Frameless,JB Included)
Weight	28 kg
Glass	2.0mm/2.5mm heat strengthened glass
Junction box	IP 68, 3 diodes
Cables	4 mm ² , 350 mm
Connectors	MC4-compatible

Temperature ratings

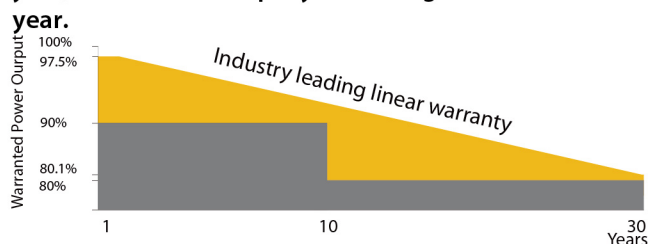
Nominal Operating Cell Temperature	45°C ±2°C
Temperature coefficient of P_{max}	-0.41%/K
Temperature coefficient of V_{oc}	-0.33%/K
Temperature coefficient of I_{sc}	0.06%/K

Working conditions

Maximum system voltage	1000 / 1500 V DC
Operating temperature	-40°C~+85°C
Maximum series fuse	15 A
Maximum load (snow/wind)	5400 Pa / 2400 Pa

Warranty information

30 years output warranty (polycrystalline): 2.5% in the 1st year, thereafter 0.6% per year ending with 80.1% in the 30th year.



Packaging information

Modules per box	33 pcs.
Modules per 40' HQ container	726 pcs.