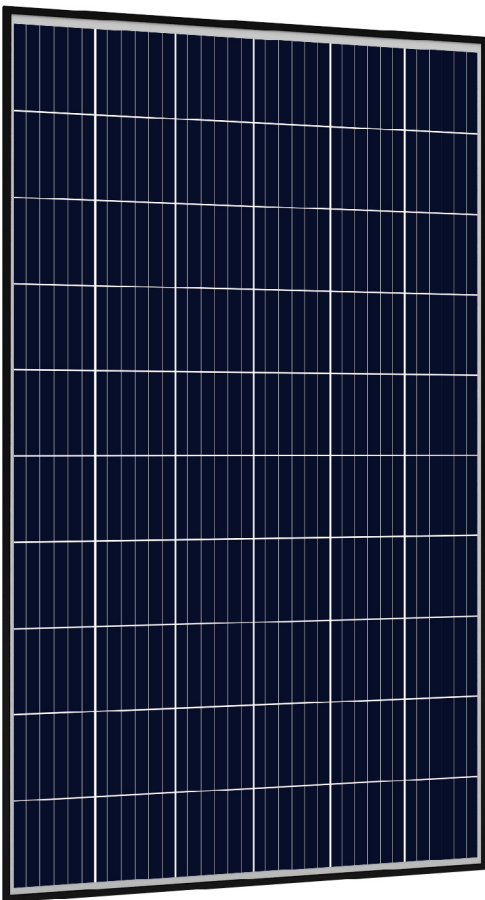




ZXP6 | D60 Cells

Double-Glazed Poly PV module 260-295 Watt



Made with selected materials and components to grant quality, duration, efficiency and through outputs, the D60-cell Double-Glazed modules by ZNSHINE SOLAR(power output 260 up to 295W) 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 D60-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 17.94%



30-year-linear warranty on outputs



Certified to withstand extreme static loads of 5400 Pa



Free from PID (Potential Induced Degradation)



Extensive green certificates



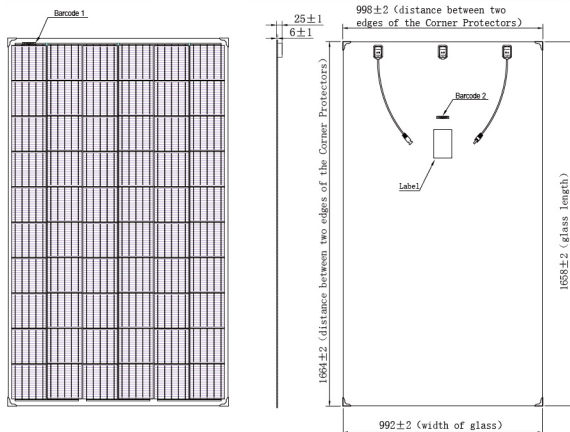
ISO 9001
ISO 14001
OHSAS 18001



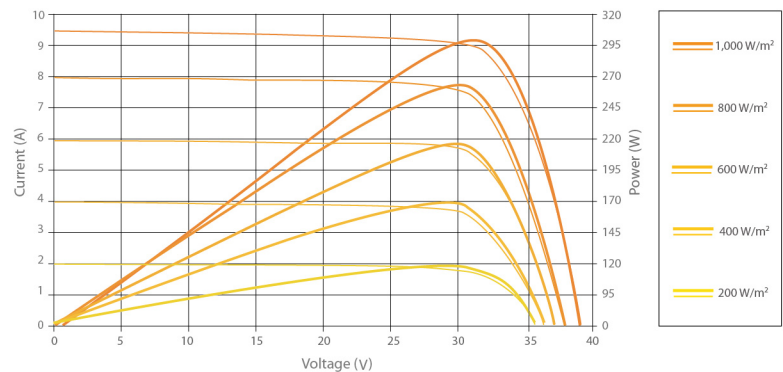
ZXP6 D60/260-295



Dimension of the PV module



I-V Curves of the PV module



Electrical data

Model	ZXP6-D60-260/P	ZXP6-D60-265/P	ZXP6-D60-270/P	ZXP6-D60-275/P	ZXP6-D60-280/P	ZXP6-D60-285/P	ZXP6-D60-290/P	ZXP6-D60-295/P
Nominal Power Watt $P_{max}(W_p)$	260	265	270	275	280	285	290	295
Power Output Tolerance $P_{max}(\%)$	0~+3	0~+3	0~+3	0~+3	0~+3	0~+3	0~+3	0~+3
Maximum Power Voltage $V_{mp}(V)$	30.24	30.57	30.90	31.22	31.54	31.85	32.16	32.46
Maximum Power Current $I_{mp}(A)$	8.60	8.67	8.74	8.81	8.88	8.95	9.02	9.09
Open Circuit Voltage $V_{oc}(V)$	37.31	37.54	37.77	38.00	38.23	38.46	38.69	38.92
Short Circuit Current $I_{sc}(A)$	9.10	9.19	9.28	9.37	9.45	9.53	9.61	9.69
Module Efficiency $\eta_m(\%)$	15.81	16.11	16.42	16.72	17.02	17.33	17.63	17.94

Mechanical data

Solar cells	Poly 156×156 / 156.75×156.75 mm
Cells orientation	60 (6×10)
Module dimension	1658×992×25 mm(Frameless,JB Included)
Weight	22 kg
Glass	2.0mm/2.5mm heat strengthened glass
Junction box	IP 68, 3 diodes
Cables	4 mm² ,350 mm
Connectors	MC4-compatible

Temperature ratings

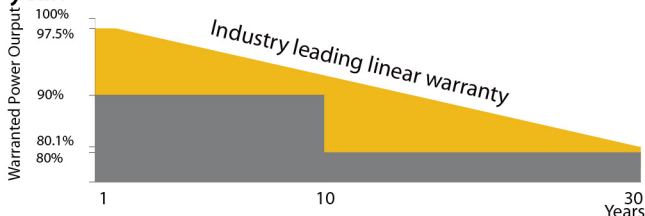
Nominal Operating Cell Temperature	45°C ±2°C
Temperature coefficient of P_{max}	-0.41%/K
Temperature coefficient of V_{oc}	-0.33%/K
Temperature coefficient of I_{sc}	0.06%/K

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	31 pcs.
Modules per 40' HQ container	806 pcs.

Measurement Tolerance STC: ±3% (P_{max}), ±10% (V_{oc} , I_{sc} , V_{mp} , I_{mp}). Values at Standard Test Conditions STC(Air Mass AM1.5, Irradiance 1000W/m², Cell Temperature 25°C) | Remark: please read safety and installation instructions before using the product | Subject to change without prior notice © ZNSHINE SOLAR 2018 | Version: ZXP6-D60-1805.E