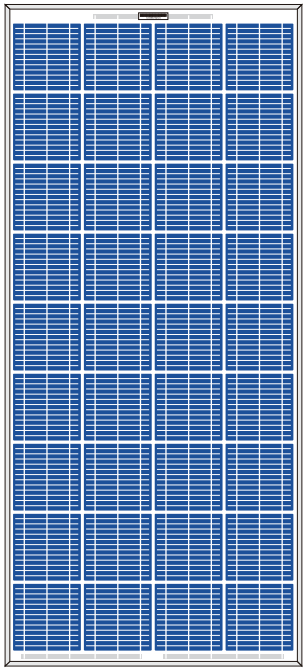
Solar energy drives the world and lightens the future

ZOEAST

ZES-6DP 160W
ZES-6DP 155W
ZES-6DP 150W
ZES-6DP 145W
ZES-6DP 140W



NCS Off-Grid MODULE

Polycrystalline

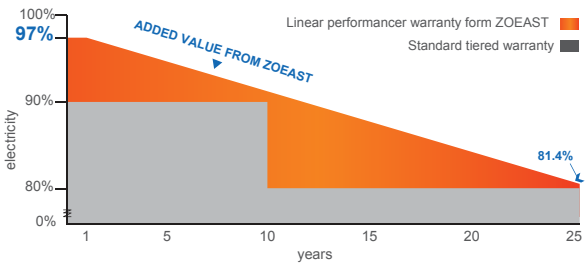
Features

- High module conversion efficiency, through-superior manufacturing technology
- 0 to +5W positive tolerance for mainstream products
- Better mechanical strength and static loading (5400Pa)
- Anodized aluminum is mainly for improving-corrosion resistance
- Low iron tempered glass with high transmit-tance
- Excellent performance under low light environment

CE

Benefits

- 10-year warranty on materials and workmanship; 25year linear performance warranty
- Product liability insurance
- USA technical support
- Europe warehousing
- 48 hour-response service
- Unique design ensures easy installation and Operation



ZEOAST PV CO.,LTD

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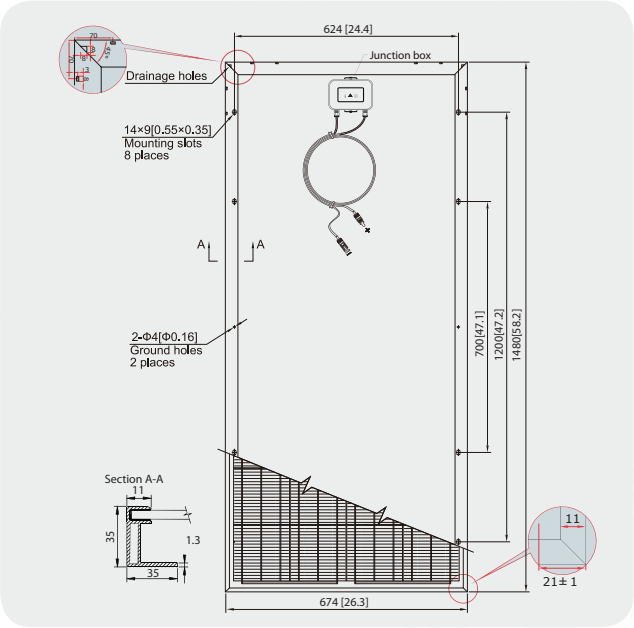
ELECTRICAL SPECIFICATIONS

Model Type	ZES-6DP160	ZES-6DP155	ZES-6DP150	ZES-6DP145	ZES-6DP140
Peak Power (Pmax)	160W	155W	150W	145W	140W
Maximum Power Voltage (Vmp)	18.6V	18.5V	18.4V	18.3V	18.2V
Maximum Power Current (Imp)	8.62A	8.38A	8.15A	7.93A	7.69A
Open Circuit Voltage (Voc)	23.20V	22.73V	22.40V	22.00V	21.86V
Short Circuit Current (Isc)	9.03A	8.82A	8.45A	8.25A	8.15A
Power Tolerance	0~+5w	0~+5W	0~+5W	0~+5W	0~+5W
Module Efficiency	16.13%	15.63%	15.13%	14.62%	14.12%
Maximum System Voltage	DC 1000V				
Normal Operating Cell Temperature	45±2℃				
Series Fuse Rating (A)	10A				
Number of Bypass Diode	2				

MECHANICAL SPECIFICATIONS

Cell type	157mm x 157mm
Number of cells	36 cells in series
Dimensions	1480×674×35 mm
Weight	13.5kgs
Front Glass	3.2mm low Iron Tougheced
Junction Box	IP65
Output Cable	0.9mm wire(Ø4mm^2)
Connectors	MC4
Backsheet	0.35mm
Max Load	5400Pascals (112 lb/ft^2)

PHYSICAL CHARACTERISTICS Unit:mm (inch)

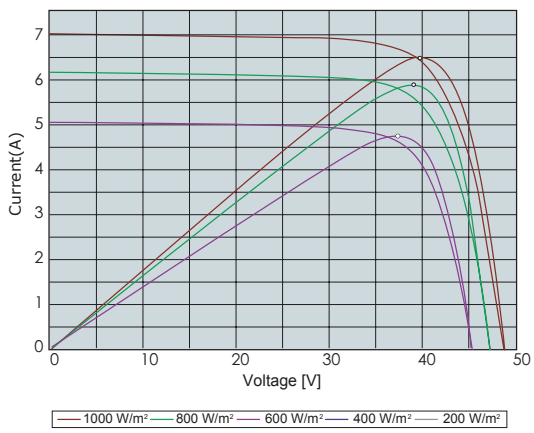


TEMPERATURE COEFFICIENT

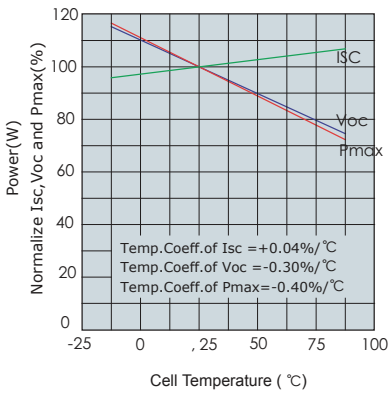
Temp. Coeff. of Isc (TK Isc)	0.04%/℃
Temp. Coeff. of Voc (TK Voc)	-0.30 %/℃
Temp. Coeff. of Pmax (TK Pmax)	-0.40 %/℃

ELECTRICAL CHARACTERISTICS

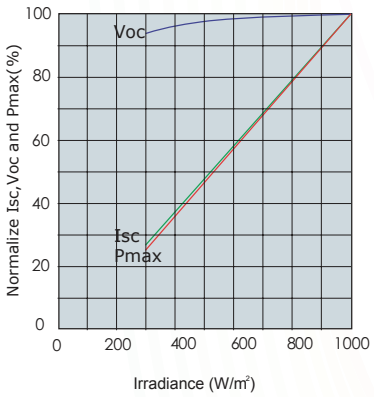
Electrical performance
(cell temperature:25℃)



Temperature dependence of Isc,
Voc and Pmax



Irradiance dependence of Isc,
Voc and Pmax (cell temperature:25℃)



Note:Standard Test Conditions (STC s): 1000 W/m so lar irradiance, 1.5 Air Mass, and cell temperature of 25 C. The N OCT is obtained under the Test Conditions : 800 W/m^2, 20°C ambient temperature, 1 m/s wind speed, AM 1.5 spectrum.The parameters are for reference only, and are subject to changewithout notice or o bligation.

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