

ALX-265P



Company Profile

Alex new energy manufactures and produces crystalline silicon solar cells and solar modules with production facilities based in Shanghai.

We have a vertically integrated business model beginning with wafers, cells and modules and our current production capacity is 1.2GW

Quality and Warranty

- 10 year limited warranty on material and workmanship
- 10 year warranty on power output to not fall below 90%
- 25 year warranty on power output to not fall below 80%
- ISO 9001:2008 (Quality Management System) certified factory
- Certified by TUV,CE,CEC,JET and PID
- Products meet the IEC61215, IEC61730 and IEC61701 standards

Characteristics

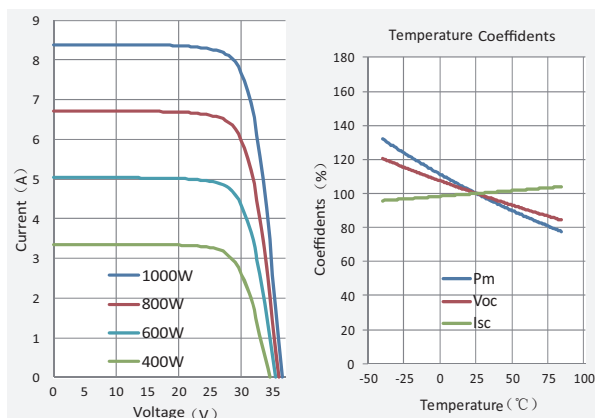
- High cell efficiency ensures high power performance even at low irradiation
- High-performing modules have an industry low tolerance of 3%
- Module stability and reliability due to high-quality raw materials
- Reliable schottky bypass diode minimizes power drop by shade
- All weather-resistant junction box and crosslink cable
- Withstands high wind force up to 2400Pa and heavy snowloads of up to 5400Pa



Typical Electrical Characteristics

Type	ALP-255D-18	ALP-260D-18	ALP-265D-18	ALP-270D-18	ALP-275D-18
Maximum Power (Pmax)	255W	260W	265W	270W	275W
Power Tolerance	3%	3%	3%	3%	3%
Open Circuit Voltage(Voc)	37.8V	38.0V	38.2V	38.4V	38.5V
Short Circuit Current (Isc)	8.95A	9.05A	9.14A	9.23A	9.32A
Maximum Power Voltage (Vmp)	30.4V	30.6V	30.8V	31.0V	31.1V
Maximum Power Current(Imp)	8.38A	8.50A	8.61A	8.72A	8.83A
Cell Efficiency	17.6%	18.0%	18.3%	18.7%	19.0%
Module Efficiency	15.7%	16.0%	16.3%	16.6%	16.9%
Max. System Voltage	1000 VDC				
Cell Size and Series	6" (156mm)*6" (156mm) poly 60pcs(6*10)				
Bypass Diodes	3pcs 15A				
Temperature Coefficients of Pmax	-0.427%/°C				
Temperature Coefficients of Voc	-0.287%/°C				
Temperature Coefficients of Isc	+0.066%/°C				
NOCT- Nominal Operating Cell Temperature	45°C (±2)				
Standard Test Condition	Irradiance level 1,000W/m ² , Spectrum AM 1.5, and Cell Temperature 25°C				

Typical Electrical Characteristics



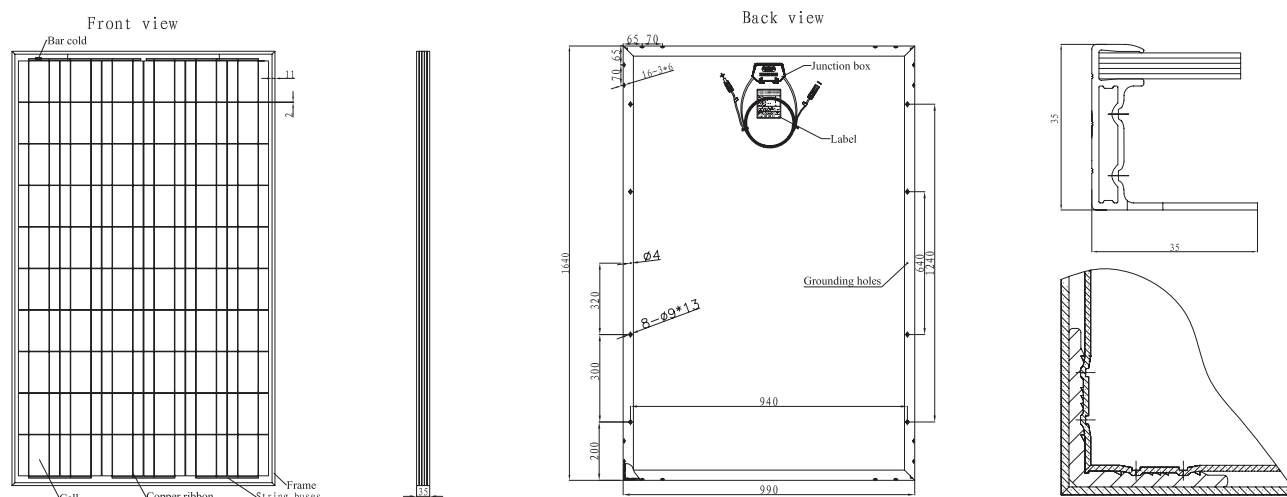
Mechanical Characteristics

Surface Maximum Load Capacity	2,400Pa
Allowable Hail Load	227g steel ball fall down from 1m height
Glass Type	High Transmits, Low Iron, 3.2mm Tempered Glass
Frame	Aluminium-alloy
Dimensions (mm)	1640mm(L)×992mm(W)×35mm(H)
Weight(kg)	20 kgs
Dielectric Insulation Voltage	3000VDC max
Operating Temperature	-40 ~ +85 °C
Storage Temperature	-40 ~ +85 °C
Cable Length	900mm

Package Information

Carton	30pcs/ctn
Pallet	60pcs/plt
40"HQ	14plts (840pcs)

Dimensions



Specifications are subject to change without further notification