

DIAMOND

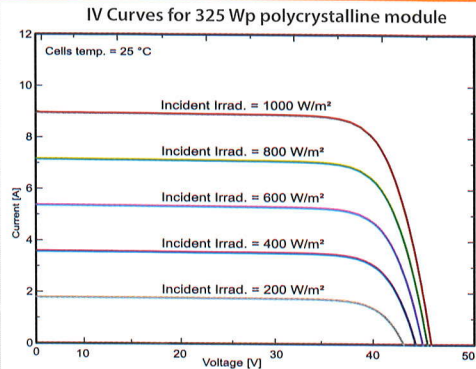
PV MODULES WITH X-FACTOR

310Wp - 330Wp Poly Crystalline-72 Cells



Electrical Specifications

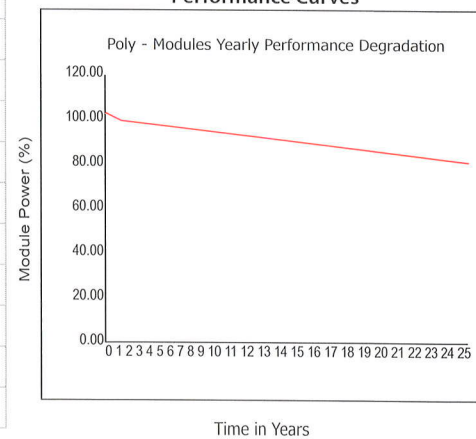
Model	ALP-315	ALP-320	ALP-325	ALP-330
Peak Power (Pmax)	315Wp	320Wp	325Wp	330Wp
Rated Voltage (Vmp)	36.42V	36.72V	36.72V	36.87V
Rated Current (Imp)	8.65A	8.78A	8.86A	8.96A
Open Circuit Voltage (V)	45.10V	45.45V	45.70V	45.87V
Short Circuit Current (I)	9.10A	9.12A	9.20A	9.28A
Module Efficiency (%)	16.07	16.32	16.32	16.84
Tolerance	0~+4.99Wp	0~+4.99Wp	0~+4.99Wp	0~+4.99Wp
Maximum System Voltage (V)	1000/1500	1000/1500	1000/1500	1000/1500



Mechanical Specifications

Length x Width x Height	1976X992X35mm
Weight	21.2 kg
Junction Box	IP 65/67, 3 Bypass Diodes(With Cable & Connector)
Cable & Connectors	1000 mm (MC4 Compatible)
Application Class	Class A (Safety class II)
Superstrate	High transmission, low iron tempered glass, AR Coated
Cell Encapsulant	EVA (Ethylene Vinyl Acetate)
Back Sheet	Multilayerd Back sheet (white colour)
Frame	Anodized Aluminium frame
Mechanical Load test	5400Pa
Maximum Series Fuses Rating	15A

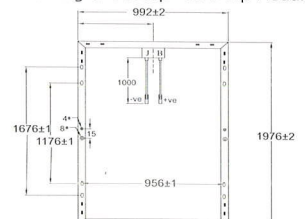
Performance Curves



Temperature Coefficient

NOCT*	46°C ± 2°C
Coefficient Power (%/°K)	-0.39%/°K
Coefficient Voltage (%/°K)	-0.31%/°K
Coefficient Current (%/°K)	0.05%/°K
Temperature Range	-40°C to 85°C

Drawing of 310Wp - 330 Wp Module



Warranty and Certifications

Performance*	Power output of 90% at the end of 10 Years and 80% at the end 25 Years
Approved Certificates	IEC 61215 Ed2, IEC 61730, IEC 61701, IEC 62716, UI1703, IEC 62804**

* Refer to Alpex Modules Warranty Document
** IEC 62804 Standard still not and enforced

Alpex Solar (A Renewable Energy Division of Alpex Exports Pvt. Ltd.)

Head Office / Factory :

Plot No. I -25-26, Site-5, Surajpur Industrial Area, Kasna
Greater Noida -201306, Gautam Budh Nagar (UP)

Factory :

Village Berson, Post Manjholi,
Nalagarh - 174101, Solan (HP)

Toll Free: 1800 11 2573

Email: info@alpexonline.com

Website: www.alpexsolar.com

Delhi | Jaipur | Kolkata | Ludhiana | Mumbai | Patna | Tirupur | Seoul | Sydney