

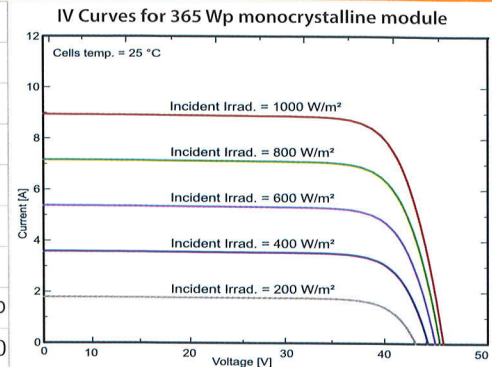
DIAMOND

PV MODULES WITH X-FACTOR
350Wp - 370Wp Mono Crystalline -72 Cells



Electrical Specifications

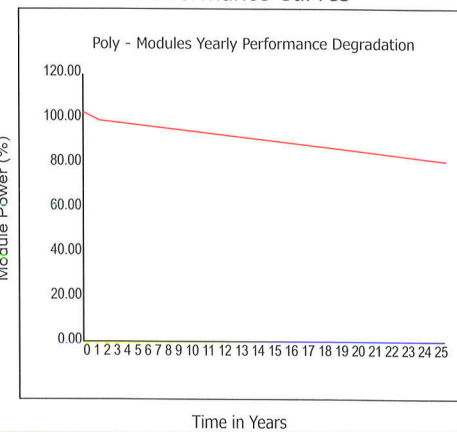
Model	ALP-350	ALP-355	ALP-360	ALP-365	ALP-370
Peak Power (Pmax)	350Wp	355Wp	360Wp	365Wp	370Wp
Rated Voltage (Vmp)	39.02V	39.45V	39.80V	40.22V	40.70V
Rated Current (Imp)	8.97A	9.01A	9.05A	9.09A	9.12A
Open Circuit Voltage (V)	46.70V	47.16V	47.76V	48.27V	48.84V
Short Circuit Current (I)	9.55A	9.61A	9.64A	9.67A	9.69A
Module Efficiency (%)	17.86	18.11	18.37	18.62	18.88
Tolerance	0~+4.99Wp	0~+4.99Wp	0~+4.99Wp	0~+4.99Wp	0~+4.99Wp
Maximum System Voltage (V)	1000/1500	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

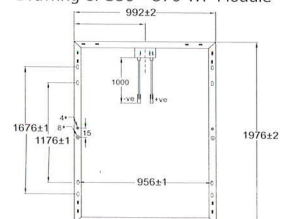
Performance Curves



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 350 - 370 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

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