

DIAMOND

PV MODULES WITH X-FACTOR

300-320Wp Polycrystalline



Electrical Parameter Data Sheet of Solar Module

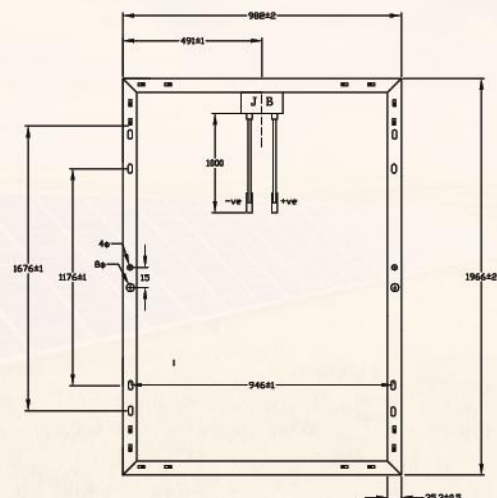
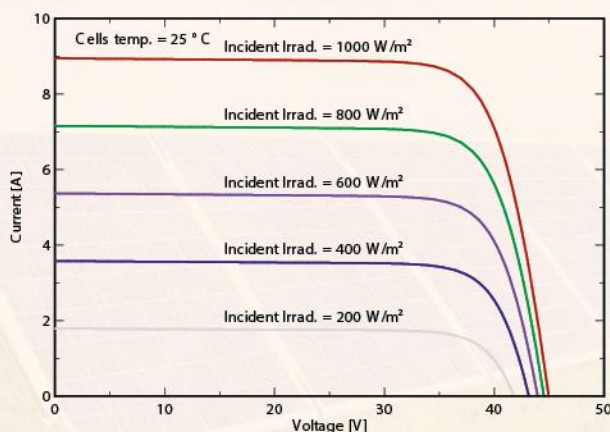
Module Pmax (W)	Module Size	Tolerance (Wp)	Volt Class (V)	Max. Power Voltage (V)	Max. Power Current (I)	Open Circuit Voltage (V)	Short Circuit Current (I)	Max. System Voltage (V)	Weight (Kg)	Module Eff%	Mounting Hole Dimension (mm)	Mounting Hole X-axis (mm)	Mounting Hole Y-Axis (mm)	Mounting Hole Y-Axis (mm)	No. of cells
300	1966x35x982	-0+2.50	24	35.93	8.35	44.64	8.75	1000	21.50	15.54	6.90	946	1676	1176	72
305	1966x35x982	-0+2.50	24	36.09	8.46	44.70	8.92	1000	21.50	15.80	6.90	946	1676	1176	72
310	1966x35x982	-0+2.50	24	36.26	8.55	44.95	8.95	1000	21.50	16.05	6.90	946	1676	1176	72
315	1966x35x982	-0+2.50	24	36.42	8.65	45.10	9.10	1000	21.50	16.32	6.90	946	1676	1176	72
320	1966x35x982	-0+2.50	24	36.55	8.76	45.45	9.12	1000	21.50	16.57	6.90	946	1676	1176	72

Temperature Coefficient & Nominal Operating Conditions

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

Due to constant product modifications, Alpex reserves the right to amend the above specifications without prior notice.

IV Curves for 310Wp Polycrystalline Module



All Dimensions in mm.

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