

# DIAMOND

PV MODULES WITH X-FACTOR



**MONOCRYSTALLINE  
MODULES**

**60 CELLS**

**265-280Wp**  
POWER OUTPUT RANGE

Founded in 1997, Alpex Exports Pvt. Ltd (AEPL), is a multi-locational, multi-business enterprise with diverse business activities consisting of

- › Solar Panel Manufacturing
- › Wind Energy Generation
- › International Trading

Head quartered in New Delhi, India; the state-of-the-art offices are located in Jaipur, Ludhiana, Mumbai, Greater Noida, Patna, Tirupur, Seoul and Sydney.

Our world-class assembly line is spread over an area of 90,000 sq feet, with technology from Spire Corporation – USA, a leading supplier of PV assembly and manufacturing line. We aim to become a significant global player in the field of highly specialized high power photovoltaic modules which are not only world class but also most cost effective. Our current capacity is over 100 MW and with a new plant in Greater Noida which will be operational before the end of 2015, the total capacity will be increased to 150 MW. Which shortly will be expanded to 250 MW.



ISO 9001 : 2008 • ISO 14001 : 2004  
OHSAS 18001 : 2007 CERTIFIED COMPANY (100% EOU)



**Xtra Long Life**



**Xtremely Compact Size**



**Xtra Energy / Power**



Super BOM and super efficient cell for super performance.

Wakes up early, sleeps late.

Positive tolerance & PID free with RFID.

MNRE approved.

Rated No. 7 in photon lab test report Germany.

Fully automated robotic plant.



IEC 61215, IEC 61730,  
IEC 61701 approved.

SOLAR POWER PLANTS

SOLAR PV PANELS

SOLAR PUMPS

SOLAR EPC

SOLAR ELECTRICITY  
(RESCO)

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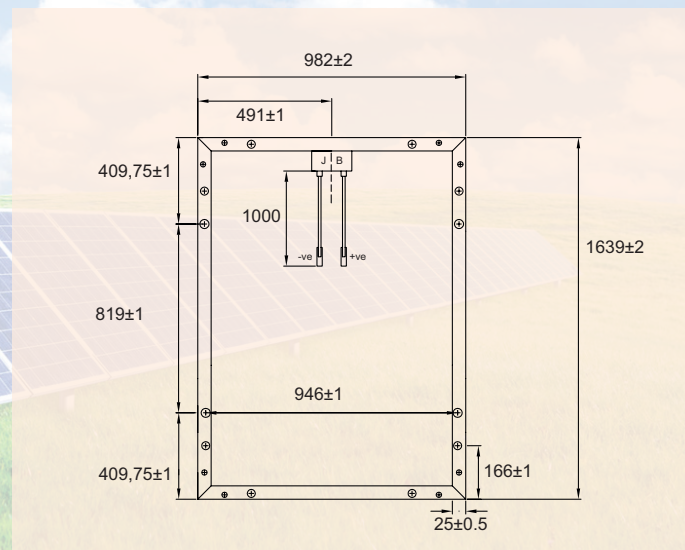
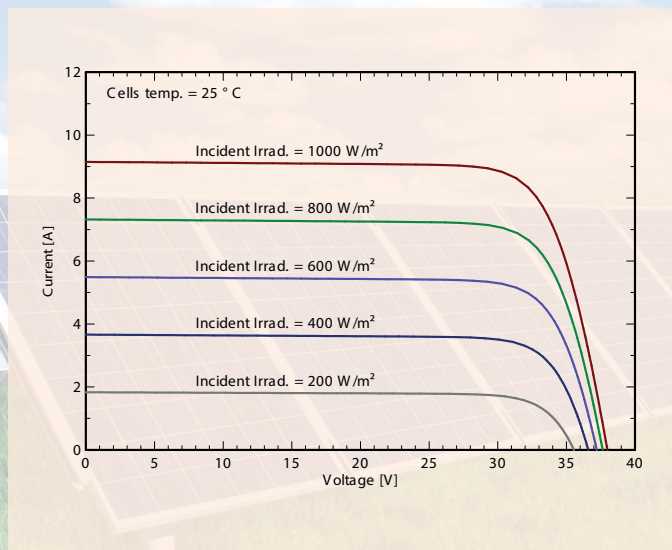


Electrical Parameter Data Sheet of Solar Module														
Module Pmax (W)	Module Size	Tolerance (%)	Volt Class (V)	Max. Power Voltage (V)	Max. Power Current (I)	Open Circuit Voltage (V)	Short Circuit Current (I)	Max. System Voltage (V)	Weight (Kg)	Module Eff%	Mounting Hole Dimension (mm)	Mounting Hole X-axis (mm)	Mounting Hole Y-Axis (mm)	No of cells
265	1639x35x982	-0+2.50	24	30.78	8.60	37.87	9.08	1000	17.50	16.47	6.90	946	819.50	60
270	1639x35x982	-0+2.50	24	30.93	8.73	37.98	9.15	1000	17.50	16.78	6.90	946	819.50	60
275	1639x35x982	-0+2.50	24	31.47	8.74	38.70	9.33	1000	17.50	17.10	6.90	946	819.50	60
280	1966x40x982	-0+2.50	24	31.62	8.86	38.80	9.47	1000	17.50	17.40	6.90	946	983	60

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 270Wp Monocrystalline Module



All Dimensions in mm.

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

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### Factory: I

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### Factory: II

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