

ALPEX SOLAR

AC/DC SOLAR WATER PUMPS



**MORE THAN 10000
PUMPS INSTALLED**

**AUTOMATIC
ON-OFF**

**ZERO ELECTRICITY
COST**

Founded in 1997, Alpex Solar Limited is a multi-location, multi-business enterprise with diverse business activities consisting of:

- » Solar Panel Manufacturing
- » International Trading

Headquartered in Greater Noida, India, the state of the art offices are located in New Delhi, Mumbai, Tirupur, Jaipur, Ludhiana, Kolkata, Seoul and Sydney

Our world class manufacturing unit is located in Greater Noida (UP) in the vast expanse of 10000 sq. meters. The fully automatic plant with a strong team of 250 professionals /workers and rich manufacturing experience of more than 17 years , we aim to become a significant global player in the field of highly specialized high power photo-voltaic modules which are not only world class but also most cost effective. In addition to this we have successfully installed over 10000 solar water pumping systems all over India.



ISO 9001 : 2015 • ISO 14001 : 2015
ISO 45001 : 2018 CERTIFIED COMPANY (100% EOU)



Xtra Long Life



Xtremely Compact Size



Xtra Energy / Power



Complete Range of 2/3/5/7.5/10/15/20 HP Pumps.

Using Super Efficient Alpex Solar modules. Modules with X-factor.

ISI Mark Cables and HDPE Pipes.

Installation by Qualified and Experienced Engineers.

Cost Saving for Farmers Compared to Conventional Irrigation Systems.

High Output Power and High Efficiency.



SOLAR POWER PLANTS

SOLAR PV PANELS

SOLAR PUMPS

SOLAR EPC

SOLAR ELECTRICITY
(RESCO)

ALPEX SOLAR

AC/DC SOLAR WATER PUMPS



Item / Model	ALPLV2HP	ALPLV3HP	ALPHV5HP	ALPHV7.5HP	ALPHV10HP
DC Input					
Max. Input DC Voltage	300Vdc	300Vdc	750Vdc	750Vdc	750Vdc
Recommended MPPT Voltage	170~250Vdc	150~450Vdc	340~790Vdc	340~790Vdc	340~790Vdc
Max. Input DC Current	8.5A	8.5A	10A	18A	18A
Max. MPPT efficiency	98.50%	98.50%	98.50%	98.50%	98.50%
AC Output					
Max. Applicable Motor Input Power	2hp	3hp	5hp	7.5hp	10hp
Rated Output Voltage	150~160Vac 3Ph	200~220Vac 3Ph	350~380Vac 3Ph	200~250Vac 3Ph	350~380Vac 3Ph
Output frequency range	0~50/60Hz	0~50/60Hz	0~50/60Hz	0~50/60Hz	0~50/60Hz
Rated output current	11A	11A	11A	19A	19A
Max. Efficiency	97%	97%	97%	98%	98%
Discharge on 50 meter ~ (LPD)	45,000	69,000	1,10,400	1,55,500	2,10,000
Operating temperature range	-25°C~+60°C				
Cooling method	Natural cooling	Natural cooling	Natural cooling	Natural cooling	Natural cooling
Display (built in / Optional)*	LED	LED	LED	LED	LED
Communication interface	RS485	RS485	RS485	RS485	RS485
Compliance	EN 50178;IEC/EN 6210-1;IEC 61800				

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



Alpex Solar Limited (ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018 Certified Company)

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