

PHOTON SOLAR OFF GRID POWER PLANTS



From the
Leaders in Solar Power



Maximum
Efficiency



IEC Certified
by TÜV and UL



Modern
Sleek Compact
Wall Mount Design



Solar and AC Charging



Use it
anywhere
indoor / outdoor

Smart Integrated
All-in-One Plants



Industrial Grade
Components

Customised
Voltage range



Protection against
overload & short circuits



Advanced
DSP control
technology

5 Year Warranty

SMART POWER!

PHOTON SOLAR OFF GRID POWER PLANTS

Photon Solar Off – Grid Power Plants are smart integrated plants that produce and supply backup power from solar energy and the grid. They consist of highly efficient Inverters, Solar Modules and Batteries providing an all-in-one solution.

The Inverters combine the functions of an inverter, solar charger and ac charger, in a slim and compact wall mount cabinet. They generate and supply pure sine wave AC electricity for stand alone or backup power demands.

The Inverters ultra fast transfer time enables support for home appliances and sensitive computer equipment.



1

Solar and AC Charging

These inverters are designed to work with Solar Power and AC (Mains / Generator) which can be configured via a comprehensive user – configurable LCD panel.



2

Modern Sleek Compact Design

The inverters come in latest sleek space saving design which can be wall-mounted to save space, be non intrusive, gel with the aesthetics and provide more options for placement.

3

Use it anywhere indoor / outdoor

The inverters can be placed anywhere thanks to the IP 65 protection system designed to withstand the harsh conditions outdoors.

4

Smart Battery Charger

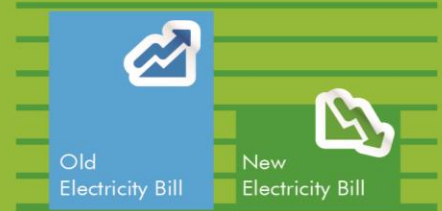
Featuring a multiple stage smart charging design for the battery longevity, this inverter is also equipped to withstand an over load and short circuits.

THE PHOTON EDGE

How does it work?



- Components:
1. Photon Solar Panels
 2. Photon SolarLX Inverter
 3. Battery
 4. AC Mains



Solar power becomes absolutely free in 5 to 7 years

100%

Accurate sizing of Solar Panels



Savings from high Electricity & Diesel costs.



Monthly savings for one time installation cost.



1KVA to 5KVA capacity - Load usage breakup

1000 VA	2000 VA	3000 VA	4000 VA	5000 VA
4 Lights	4 Lights	4 Lights	4 Lights	4 Lights
4 Fans	4 Fans	4 Fans	4 Fans	4 Fans
1 Computer	2 Computers	1 Computers	2 Computers	2 Computers
1 Printer	2 Printers	1 Printers	2 Printers	2 Printers
	1 TV	1 TV	1 TV	2 TV
		0.5 HP Motor	0.5 HP Motor	0.5 HP Motor
			1 Cooler	2 Cooler

4Hrs Backup

based on indicative loads

5

High Surge Power Capability

The worry-free start up motor- type manages loads such as a pump because of the high surge power capability

6

PC Connect

The inverters can be connected to a computer through the USB & RS-232 interface to monitor the power generation in real-time.

[On-Grid Solar Power Plants also available]



Photon are the leaders in Solar Power & Water heating systems in India for the last 15 years. The high efficiency modules used in the power packs are certified by UL & TUV. Photon also takes up complete turnkey design & integration solutions for all solar power requirements.

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