



# INJECT RENEWABLES

Generate Electricity On Your Own...

## SMART IOT BASED MONITORING AND CONTROLLING SOLUTION FOR SOLAR PLANTS - 4G/WIFI ENABLED

Zero Export & PV-DG Synchronization

Monitor All Plants Under One Login

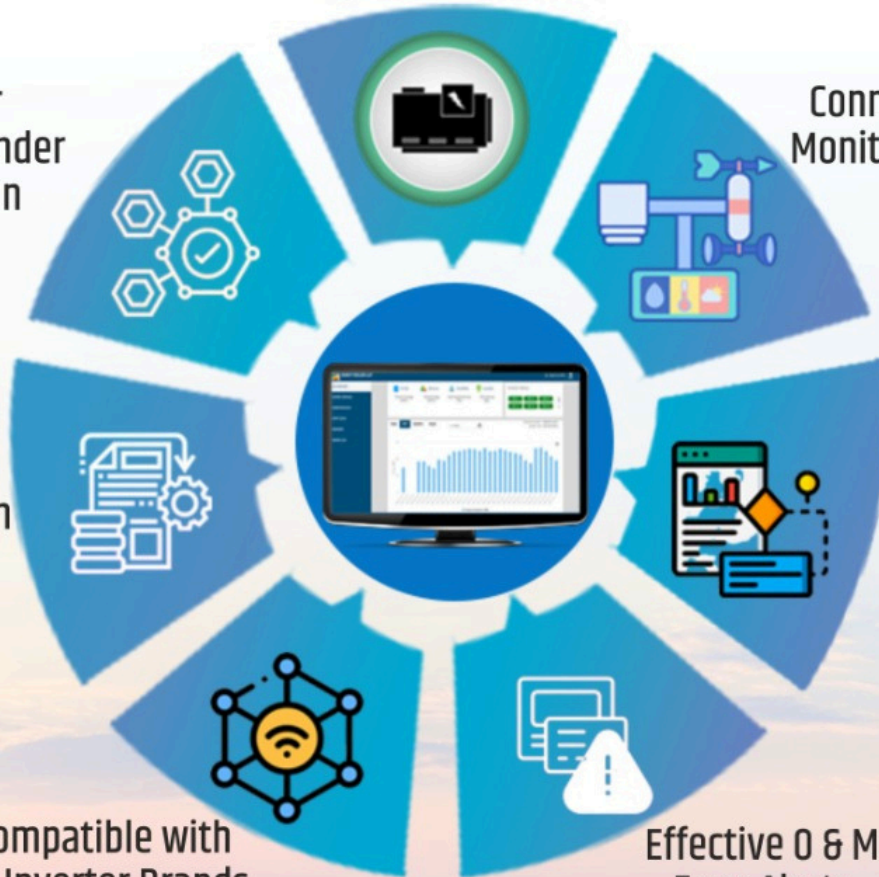
Connect Weather Monitoring Sensors

Easy Installation & In-depth Analysis

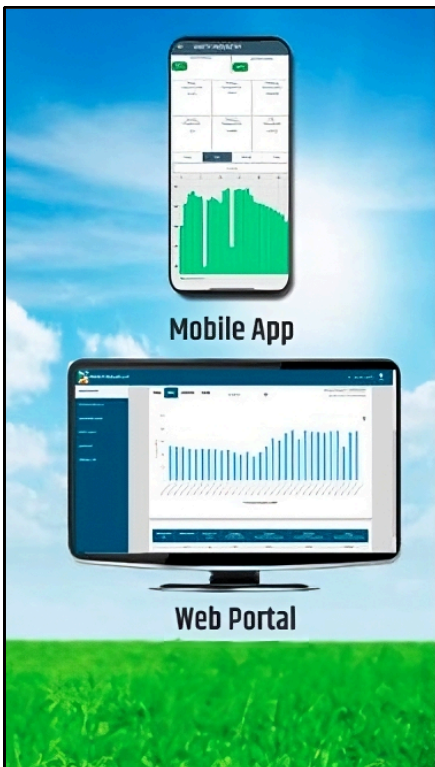
Analysis of Daily/Monthly/Yearly Reports

Compatible with All Inverter Brands

Effective O & M Error Alerts



## LOG X\_PRO: REMOTE MONITORING DEVICES

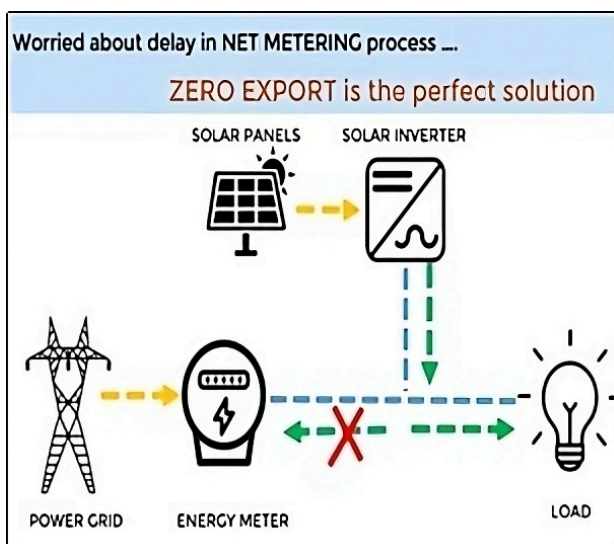


LogX\_Pro is a plug and play IOT based data logger, especially designed for remote monitoring of Residential, Commercial & Industrial solar PV plants. It is compatible with multiple inverter brands & collects the data through communication port over RS485.

### Variants :-

1. LogX\_Pro 4G
2. LogX\_Pro wifi

## LOG X\_ZE: ZERO EXPORT CONTROLLER



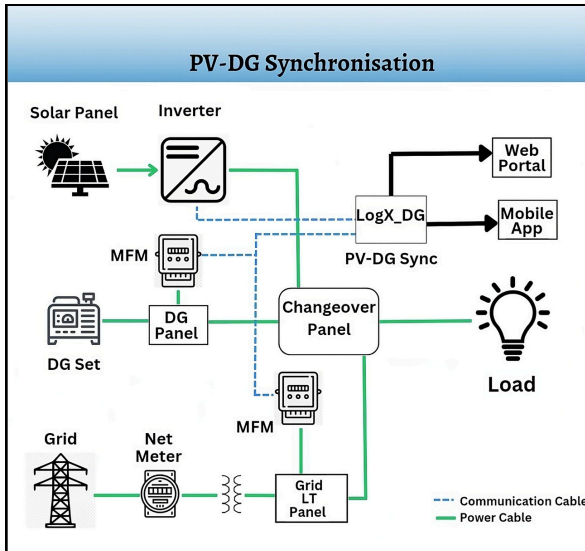
LogX\_ZE Zero export controller understands load power from the energy meter installed at consumer LT panel which has been connected to zero export controller over Rs485.

Zero export controller controls the solar inverter power generation in such a way that export of grid shall not happen.

### Variants :-

1. LogX\_Pro 4G
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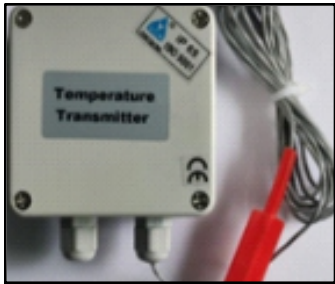
## LOG X\_DG: SOLAR PV-DG SYNCHRONIZATION CONTROLLER



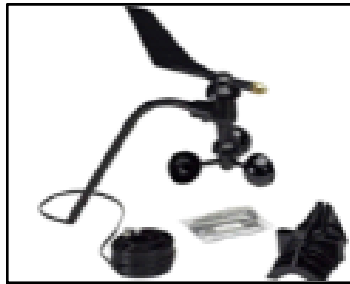
A PV-DG Sync controllers, helps to utilize the solar plants with Diesel generators which reduces diesel consumption and Ensures no back feeding of power to DG and protects Solar Inverter from over frequency damage.

It also works as a data logger to monitor the solar plant and provide real time data of the system.

## WEATHER MONITORING SENSORS



**Module Temperature Sensor**



**Wind Speed Sensor**



**Ambient Temperature Sensor**



**Silicon based Irradiation Sensor**

## KEY FEATURES

- Monitor all of your solar plants/projects data under one login from a web portal or mobile app.
- Email alerts on the occurrence of Error/Alarm.
- Compatible with all inverters having a RS485 Port.
- Maximum no. of inverters that can be connected are 05/10/20/30.
- 04 Analog & 04 Digital Weather Monitoring sensors cab be connected.
- Connect up to 04 DGs in controller.
- Monitor 40-100 parameters of each inverter.
- PR, Specific yield, CUF data available in reports.
- SD Card storage for Data backup in case of internet discontinuity.
- Daily reports on mail.

# FACTS & FIGURES

Inject Solar has wide spread coverage over Maharashtra and in other states of India

1000+  
Remote  
Monitoring  
device

400+  
Zero  
Export  
Controller

200+  
PV-DG Sync  
Controller

1000+  
Plants  
Monitored

## Compatible with following brands



Ingeteam



SUNGROW



Growatt



REFU**sol**

invt



solar**edge**

HITACHI  
Inspire the Next

GOODWE  
Smart Energy Innovator



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