Energy Management for PV plants

m2mLogger®
remote monitoring eco-system
Bring transparency to O&M & improve generation of Distributed Solar PV plants

Features

- Powerful Asset Management
- Manage Portfolio with drill-down dashboards
- Razor-shar insights!
- Out-of-box, Self-service reporting
- Secure & Reliable

Compatibility

Individual Homes • Corporate Offices • Shopping Malls • Industries • Schools & Colleges • Institutions
Powerful Asset management tools

Portfolio Dashboard

**LIFETIME PRODUCTION**
76.52 MWh

**PV CAPACITY**
2175 kWp

**PV SYSTEMS**
7/17 Online

**DIESEL SAVED**
7.70 kl

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Customer: All

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<th>WEATHER</th>
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Performance: PR, CUF, Efficency

**ENERGY**
Lifetime 46.13 MWh
Today’s 28.70 kWh

**POWER**
Inverter 28.12 kW
PV 28.70 kW

**PERFORMANCE**
EFF. 98 %
PR 99 %
CUF 2 %

Active Power vs Irradiance

Yield Charts

Shadowing Losses
Industrial **Data-Loggers** & Cloud Gateways

**EZLink series**
- For light-commercial & residential applications
- Cloud Connectivity
- GPRS, Data-storage, Inbuilt RTC
- MODBUS RTU RS485
- 4-20mA Analog Inputs

**LogPRO series**
- For commercial & light-commercial applications
- Cloud Connectivity
- USB & FTP data recording
- MODBUS RTU RS485
- MODNET enabled

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**Weather Sensors**

- Radiation Sensor
- Anemometer Ultrasonic
- Rain Gauge Tipping bucket type
- Pyranometer Class 2
- Ambient Temperature & Humidity (with Solar Shield)
- Module Temperature
Components

PV & Weather Sensor
- String Level, Zone Level Monitoring
- Irradiance, Ambient Temperature, Module Temperature

Inverter
- Generation
- MPPT
- Status & Fault Codes

Battery
- Charging & Discharging
- Voltage & Current

Data-Logger & Gateway
- Data capture & transmission

Meters
- Load metering
- Net metering

Grid
- Grid monitoring
For **End Customers**
- Improve plant generation
- Effective and to-the-point reporting
- Performance matrix: CUF, PR, Efficiency
- Performance benchmarking

For **Operations & Maintenance**
- Inverter Status & Fault reporting
- String level monitoring
- MPPT level monitoring
- Real-time alerts
- Improve plant up-time
- 70% reduction in field visits

Make the **Right Choice** for your solar plant

For **Installers**
- Truely Inverter-independent energy management
- Supported Inverter from all major brands.
- Portfolio level view with drill-down details.
- Perfect customer care
- Over 4 years of experience.
Indian Spinal Injuries Center, Delhi, 130kWp

Raphael Ryder Cheshire, Dehradun, 50kWp

IIPM, Gurgaon, 100kWp

Vidhyut Bhawan, Patna, 25kWp Hybrid

NTPC Netra, Noida, 50kWp

RMIT University, Punjab, 360kWp
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