

Let the solar power clean out all
environment related issues



CREATING **WORLD**⁺
WITH SOLAR ENERGY

Madhuri[®]
Solar
www.madhurisolarpune.com



Inspiration that leads to Success.....

“ I understand
my life is my
responsibility & no one else
is to be blamed
for the decision I take ”

-Sanjay Deshmukh

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Pearl Enterprises started its operations in 2003 at Pune, India with a vision to become a leading manufacturer, exporter and supplier of Solar Energy Products. Our extensive product range consists of Solar powered products such as Water Heater, Street Light, Lantern, Home Light System, Batteries, PV Modules, Toys, Solar wind mill, Education Kit, Water Pump, Executive Gifts, iPhone Charger, etc. Madhuri Solar has always focused on becoming an agile, high-performance company by consistently delivering results. Our clients include industry leaders like Honeywell India Automation Pvt Ltd, Deity Fuel Energy, Pride Pick Batteries, INPRO Solar Germany and others. They have found in us the right-sized partner that has the right balance of scale, stability and customer-centricity. We acknowledge the timely assistance and in-depth knowledge of our mentor that has helped us achieve a commendable status in the global market. Owing to his dedication we are able to keep pace with the latest trends and demands of our esteemed clients from the Indian Subcontinent.



Vision

The vision of Madhuri Solar is to provide "Energy for Everyone" using the endless energy from the Sun.

Mission

To become the most admired and respected name in the field of solar energy products and applications in India as well as across the globe. .



Core Values:

Quality Product:
Right from sourcing the highest grade of raw materials/inputs till the final output, our products undergo rigorous quality check adhering to international standards at each and every step. The maturity of our processes ensures we deliver on time, on budget, with minimum defects and meet agreed service levels.



Why Madhuri Solar?

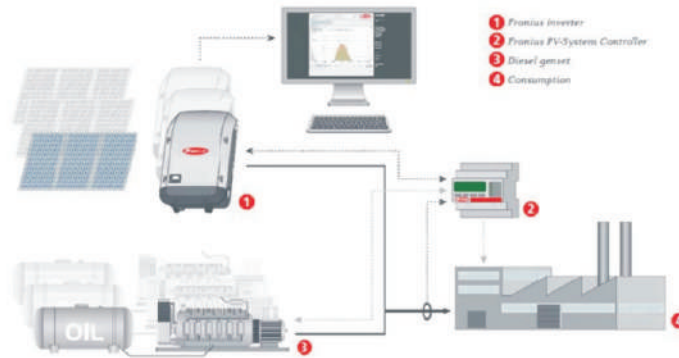
To begin with, Madhuri Solar boasts of technical expertise at par with the best Solar Power companies of the world. Apart from that, Madhuri Solar scores high in the following: International enterprise which specializes in diversified range of Solar Energy based products pioneering in the field of solar photo voltaics. Exclusive products such as Solar Power Packs (Off Grid & Grid Tie) rooftop systems, lanterns, street lights, water heaters, home light systems, pumps, batteries, PV modules, etc. We also provide educational kits, solar toys and corporate gifting items through our exclusive channel partnership with German companies like INPRO Solar and LEX Solar. Manufacturing top quality Solar Power products for more than 11 years. Our solar products are ISO 9001:2008 certified and approved by Bureau of Indian standards (ISI-marked). We are empaneled with MNRE and MEDA for Solar Photovoltaic based products. We are also registered under Rate Contract for SPV systems & Solar Water Heating System MEDA, Pune and with D.G.S & D., New Delhi. The company is a member of Indo-German Chamber of Commerce and Mahratta Chamber of Commerce, Industries & Agriculture, Pune.

Excellence is all we are committed to:

Madhuri Solar stands tall on the following pillars of excellence:

- Maintain our Clients as our first priority
- Displaying professional conduct par excellence
- Prompt and responsive service

- Exceed Client expectations by providing the highest quality service
- Adhere to the highest ethical, moral and legal business practices
- Lead our industry with Integrity, Honesty, Teamwork and Innovation



PV Genset Solutions in the absence of grid



SOLAR GRID TIED INVERTERS

Life of the system should go on for 25 yrs for PV Plants for which Fronius has an robust technology to meet its time line where inverter are the heart of the system

Grid connected system requires lethal protections against the surges occurring from environment where we have in house solutions on the ac side as well as on the dc side compatible with the inverter



We have various types of Structural Solutions right from the diversified Roofs to the Ground Mounted Systems



Few Rooftop Installations

**5 MW
INSTALLED**

**MNRE CHANNEL PARTNER
SOLAR TURNKEY EPC**

Our Strengths :

Solar Turnkey EPC

Finance for
OPEX & CAPEX Model

Operation &
Maintenance Services

Installed
1.5MWp Solar Rooftop
Systems.
(Grid connected &
Off grid applications)



100 Kwp

Solar Rooftop Systems
AT JALGAON
Grid connected

20 Kwp

Solar Rooftop Systems
AT PUNE
Grid connected



30 Kwp

Solar Rooftop Systems
AT KARAD
Grid connected

300 Kwp

Installation at
Pune (Talegaon)



10 Kwp

Solar Rooftop Systems
AT KOLHAPUR
Grid connected

50 Kwp

Solar Rooftop Systems
AT AHMEDNAGAR
Grid connected



Domestic Solar Submersible/Surface Pump



- Fully Automatic.
- Round the clock operation.
- Models as per capacity.

Pump Range

- AC pump range : 0.5 HP to 10 HP
- DC pump range : 0.5 HP to 5 HP
- AC & DC

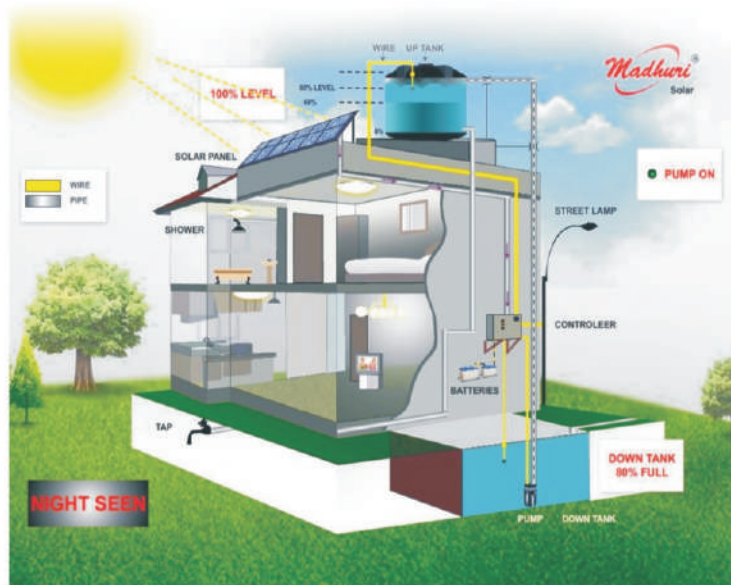
Self sustainable, independent water supply scheme

Time savior for women and family

Better health on account of low manual work

Improved personal hygiene & sanitation due to availability of water

Better education (improved attendance) in schools



DOMESTIC SOLAR PUMPS FOR RESIDENCE / APARTMENTS.

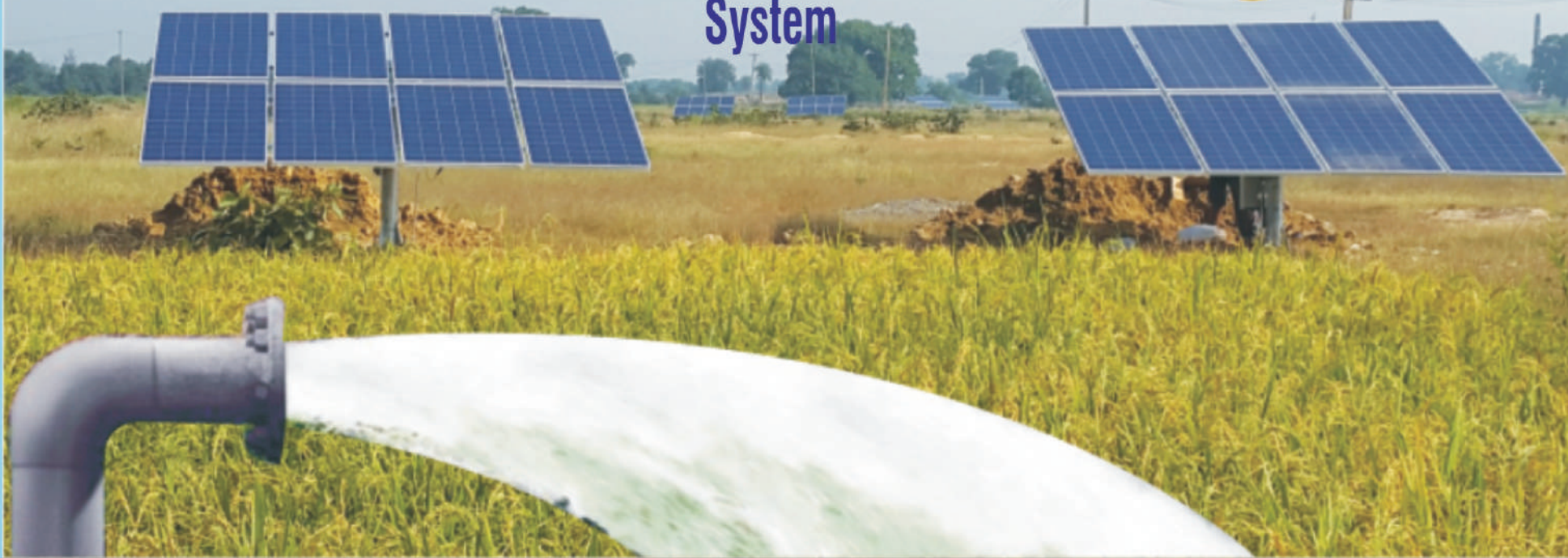
- 1000 to 400 LPH
- Maximum Head 230 FT
- Street Light with motion sensor
- Fully automatic

Solar Special Pump For Irrigation & Drinking Water Supply Systems.

- ▶ Special Solar 1 hp to 3 hp pumps with high head and high discharge.
- ▶ Operated on solar and single phase AC supply.
- ▶ Head range 30 feet to 600 feet.
- ▶ Water Discharge 10,800 litres to 2,60,000 litres per day
- ▶ 3 hp to 25 hp 3 phase pump available



**Solar
Drip irrigation
System**



Solar Dual Water Pumping System

Drinking water Dual pump system

- Low maintainence.
- Remote monitoring.
- Remote Operating.

Solar Pumping system with Remote monitoring facility

Off Grid Solar Solutions

These are essentially used where there are no other sources of power, i.e. absence of grid power.

1.Solar water pumps: Madhuri Solar is a pioneer in this category and can provide Solar water pumps from 0.5 hp to 50 hp.

2.Solar street lights: Another top quality product from Madhuri Solar, the solar streetlights store Solar energy in batteries and utilise it for lighting the LED lights at night.





999 System

5W LED load (1No)
3W panel
6V, 4.5Ah Battery
8-10 Hours back up
System ON LED indication,
Battery Charging LED indication,
Battery Low LED indication
Mobile Charging
Versatile
High Efficiency



“The aim of Madhuri Solar's CSR initiative is to create a spark in the eyes of the young generation”

“We value diversity in the workplace and strive to be a responsible corporate citizen to all of our stakeholders in the communities where our products are manufactured and sold.”



Pearl Enterprises operating under the brand name of Madhuri Solar is aware of its responsibility towards the society. Under its CSR policy the goal is to educate students and make them aware of the necessity of Solar Energy, the need of future... For Pearl Enterprises, CSR is an integral business process in order to support sustainable development and constantly endeavor to be a good corporate identity. We also provide CSR Solutions for likeminded business houses and large corporate.

Mission

To educate students and make them aware of the need of solar energy in the future, as students are future pillars who will contribute for the overall development of India. So educating the students will ultimately be the company's contribution to the growth of the nation.
Vikhe Patil Memorial School Pandit Dindyalay Upadhyay Vidya Mandir Aadarsh Vidyalay Ramanbaug S.N.D.T. School Kanya Shala Pune Vidyarti Gruha Krida Nektan Ramanbaug, Exhibition Aadarsh Vidyalay



FIRST SOLARIZED POLICE STATION IN INDIA UNDER CSR



India is deficit for its energy needs for which various companies under CSR Solutions think Solar as a dependent source of energy. Hence we have various solutions for the rural energy needs

Battery Manufacturing unit with capacity to produce 1000 batteries per day



SOLAR HOME LIGHT SYSTEM





Kiran System



Solar Music System

Spark of happiness



Certification

- MNRE channel partner
- Registered under NABARD for Solar Applications
- EQDC solar pump certificate for irrigation and drinking water pumps
- Central Power Research Institute (CPRI) certification for Solar street lights, home lighting systems, solar batteries
- ISO 9001:2008 • ISI • TÜV • NSIC • IEC



Solar Lanterns

ACHIEVEMENTS



2004

Manufacturer of Solar Lantern and Home Light.

2006

Manufacturer of Solar Street Lights, Home Lights and Lanterns as per MNRE.

2007

Manufacturer of Solar Power Pack, Blinkers and Wind Solar Hybrid System.

Achievements 2000

As a manufacturer of Control Panels, Auto switch, Home Protector.



2009

Manufacturer of LED System & Power pack.

2010

Manufacturer of Wind Solar system

2008

Manufacturer of Solar Traffic Signal.
Manufacturer of Solar Water Heater and LED Systems.
Service Partners with FRONIUS
Installation of Domestic Pump

2011

Tie-up with Lex Solar & Inpro Solar for Educational Kit & Corporate Gifts

2016

Manufacturing of Wall Mounted LED Street Light with inbuilt Li-ion battery (fully indigenious),
999 System, Suraj System.
Inauguration Of India's First Rural Solar Police Station At-Ambhora, Tal-Ashti, Dist-Beed.
1.5 MW On-Grid Installation.
Installed more than 500 Domestic Pump

2012

Manufacturer of Battery

2013

Manufacturing of LED lanterns and Music System

2014

Manufacturing of Modules
Single group order of 340 Crore
Successfully installed 1st grid connected power plant

2017

Solar & E- Rickshaws, E- Loaders and Battery operated Foldable Cycle.
• One touch folding type portable E-cycle
• Lithium ion LED streetlight MNRE approved
• Solar Solution for E-rickshaw
• 1 hp - 3 hp solar special pumps for irrigation & drinling water supply systems

WALL MOUNT STREET LIGHT

" 1st MNRE approved Indigenous Lithium - ion battery solar streetlight ".



*Range available 9 w, 12 w, 18 w & 30 w.

*12 hours back up.

*Solar Led High Mast & High Bay available.

* AC Luminary also available.

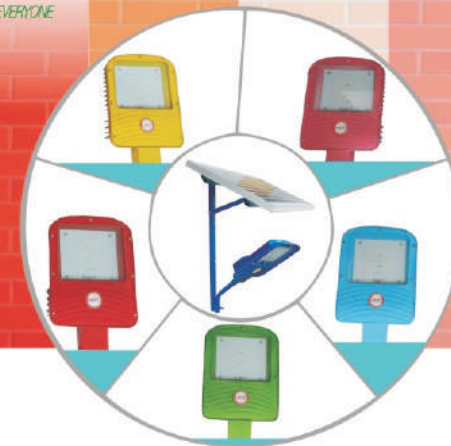
Applications:

- *Lighting anywhere around a bungalow
- *Lighting for security needs
- *Solar Building Lighting
- *Solar Lighting for schools and Universities
- *Solar Lighting for Balcony
- *Transportation and airports
- & Install where ever you want to.

Madhuri
Solar
ENERGY FOR EVERYONE

SUN ON WALL

**PURE
INDIAN**

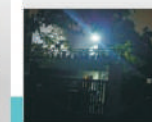


**AUTO
COLOURS**

1st Wall Mount Street Light With Li-ion Battery Time Street Lights in Multiple colours ●●●●●

Features

- * First indigenous Li-Ion Street Light.
- * No maintenance Lithium ion battery.
- * Perfect combination with Solar Energy.
- * Can be installed without pole or with pole.
- * Automatic Dusk to Dawn operation.
- * Temperature managed system for cooling.
- * High Luminous efficiency (Everlight LED).
- * Available in multiple colors.
- * Long life.
- * Different Structure available on demand
- * Different Colours available on demand.



Solar Rickshaw & E - Vehicles



FOLDABLE ELECTRIC BICYCLE



Folding Method

MADE OF ALUMINIUM BODY

WEIGHT - 16 KGS ONLY.

**NO MAINTAINANCE LI-ION
BATTERY USED.**

CHARGING TIME - 3 TO 4 HOURS

**ONCE CHARGED USERS CAN
RIDE UPTO 25KM~ 30KM**



Ride happiness with our Electric bicycle.

Folding & Unfolding within 3 seconds

RIDE SWEATLESS

FAST CHARGING

PRECIOUS GIFT

ECO FRIENDLY

EASY TO CARRY

25 KM. PER CHARGE



OUR MAJOR ACHIEVEMENTS



Single order of
500
Solar Water Pumps



Single group orders of
5 Mwp
Solar Rooftop Systems
(Grid connected &
Off grid applications)



Single order of
Solar Water Heater
of 10780000 LPD worth
\$27 M

\$54 M
single group
order for
Solar Street Light



Single order of
18000
Solar Street Light
of net worth
Rs 34 Cr

Single order of **+**
10000
Solar Street Lights

Single group orders of
100
Solar Rooftop Systems
AT AHMEDNAGAR
Grid connected



ENERGY FOR EVERYONE

Pearl Energy Solutions Ind Pvt Ltd

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Behind Aditya Nakoda Enclave, Sinhagad Road, Parvati, Pune- 411 030.

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