

INFYENERGY SUNFACTORY PVT LTD.,

SOLAR POWERED POWER LOOMS



HIGH PERFORMANCE, AFFORDABLE GREAT VALUE FOR MONEY WITH 50% FINANCIAL ASSISTANCE (SUBSIDY) FROM KARNATAKA TEXTILE DEPARTMENT

Infyenergy Sunfactory Pvt Ltd a Renewable Energy Company – MNRE Channel Partner, designed, and successfully commissioned a Solar rooftop power plant to supply 3 phase power to power looms with their unique technology inverter which drives 3 phase motors of power looms. The system works without Electricity board connection for **10 hrs** in a day, gives sufficient power to power looms directly from solar and partially from solar batteries. Specially in Rural / Remote villages there is huge power cuts and power shortage, where weaving community suffers for revenue generation, and they all are only depending on power looms. In such locations this system will be ideal, and Thanks to Government of Karnataka, Textile and Handloom Department has come out with a financial assistance for all the categories of power loom owners, they will give you 50% of the capital cost to set up a solar rooftop PV system to power loom owner. ISPL will assist in getting all the required funds through bank, the beneficiary has to invest only 20% margin money rest will be taken care.

SYSTEM SIZE

- 2000 Watts Poly crystalline solar panels
- 2500W Hybrid Solar Inverter with Special Charge Controller
- 48V – 100 Ah Solar Batteries
- AC/DC Cables & Balance of Systems.

SYSTEM PERFORMANCE:

- 1Hp x 2 – Power looms connected with solar System
- Wake up time 7.30 Am and Sleeps at 5.30 Pm total 10 hrs.
- Daily Energy Generation is 10 units.
- The power looms are isolated from Grid, it is independent of Grid.
- Successfully running.

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SPECIFICATIONS

SL NO	DESCRIPTION	NO OF POWER LOOMS	STATE SUBSIDY AMOUNT
1	2.5 kW solar power loom system with ISPL hybrid inverter, 48Vx100Ah batteris	2 nos	(2,00,000.00)
2	4 kW solar power loom system with ISPL hybrid inverter, 48Vx200Ah batteris	4 nos	2,75,000.00
3	5.5 kW solar power loom system with ISPL hybrid inverter, 48Vx300Ah batteris	6 nos	3,75,000.00
4	7.5 kW solar power loom system with ISPL hybrid inverter, 48Vx400Ah batteris	8 nos	4,75,000.00

Terms & Conditions:

1. Application to Textile department, followed by all the details of the beneficiary, Address proof, owner ship of the power looms.
2. Clear shodow free roof area.
3. 20% Margin money to be deposited in the bank own account.
4. Once the application is approved by textile department, the comfort letter will be issued to bank by textile department.
5. Bank will approve the loan for 30% and 50% subsidy amount will be paid as per terms of textile department to ISPL.
6. Based on beneficiary profile – Infyenergy can extend credit facility for 30% of the project cost.
7. The cost is inclusive all the taxes and lavies.
8. The cost is inclusive of all the supplies and installation and comissioning at site.

Thanking you for more details contact us on 080-23350456/9945811833/9741989504/9844044761

For
INFYENERGY SUNFACTORY PVT LTD

G.S Raghavendra
 Managing Director