

Raymount Energy

Your True Solar Partner

SOLAR GUIDE

Rajasthan Ka Apna Solar Expert

Your True Solar Partner
Jaipur & Bikaner, Rajasthan



Powering India's Homes With Honest Solar



Ramawatar Swami

Director

Retd. Superintending Engineer, RRVPNL

Mr. Swami brings extensive experience in transmission systems, power management, and energy infrastructure development. He ensures that every project designed by Raymount meets the highest standards of quality and safety.



Bhupendra Bhardwaj

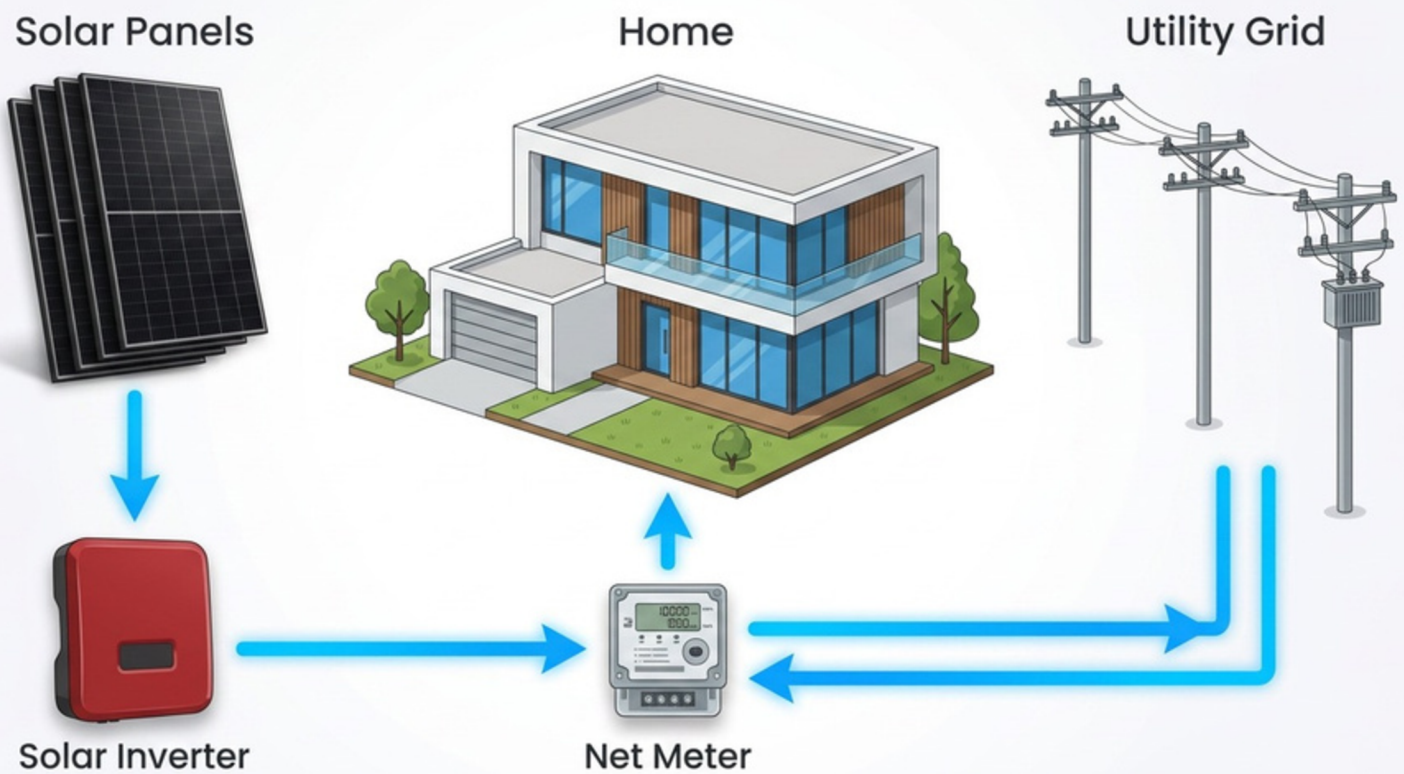
Director

Retd. Superintending Engineer, JDVVNL

Mr. Bhardwaj has overseen large-scale electrical infrastructure and grid operations throughout his career. With decades of experience, he brings technical discipline and regulatory expertise to every project at Raymount Energy

The smartest roof is the one that pays you back.

How solar powers your home



Get your solar at ₹0 investment

Particular	Amount
Total System Cost (3kW-On Grid)	₹200,000
Government Subsidy	₹78,000
Loan Amount	₹200,000
Subsidy Credited to Loan	₹78,000
Effective Loan Balance	₹122,000
EMI (5 Years @ 5-6%)	₹2,350/month

Every 2nd Solar system underperform in power generation by 2nd year

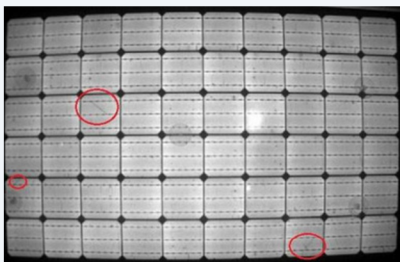
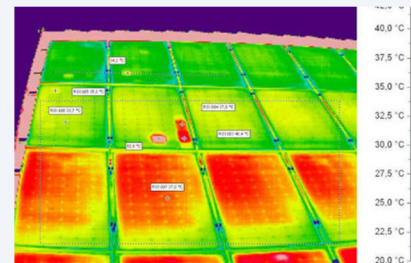
*According to think-tank CEEW

**80%
from soiling loss**



**50% poorly
engineered**

12% from hotspots

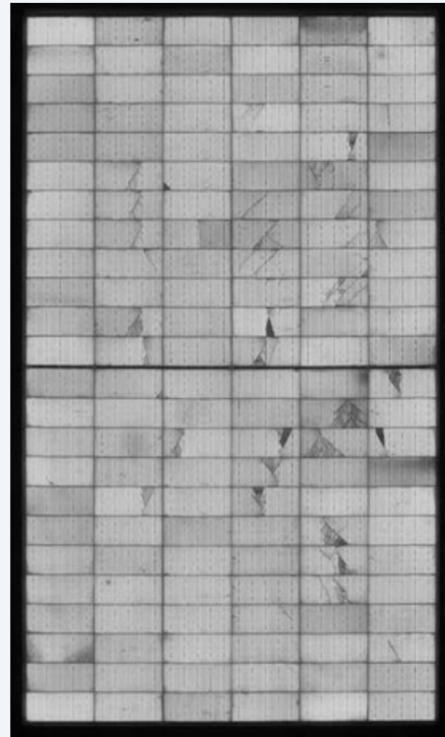
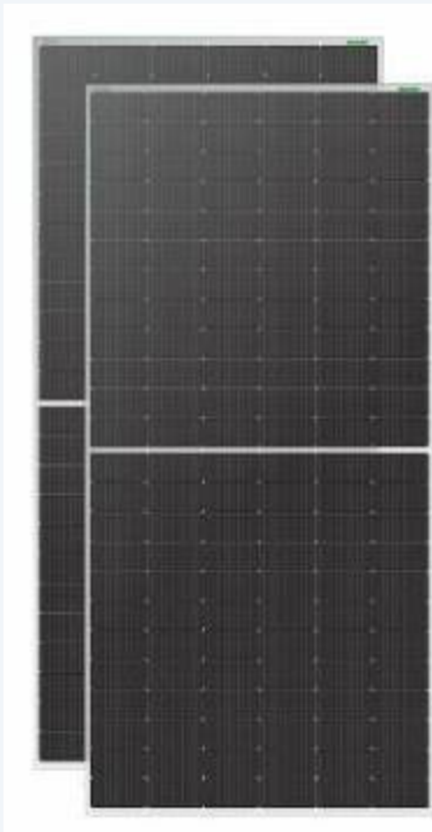


**30%
from module defects**

Will your solar last 25 years ?

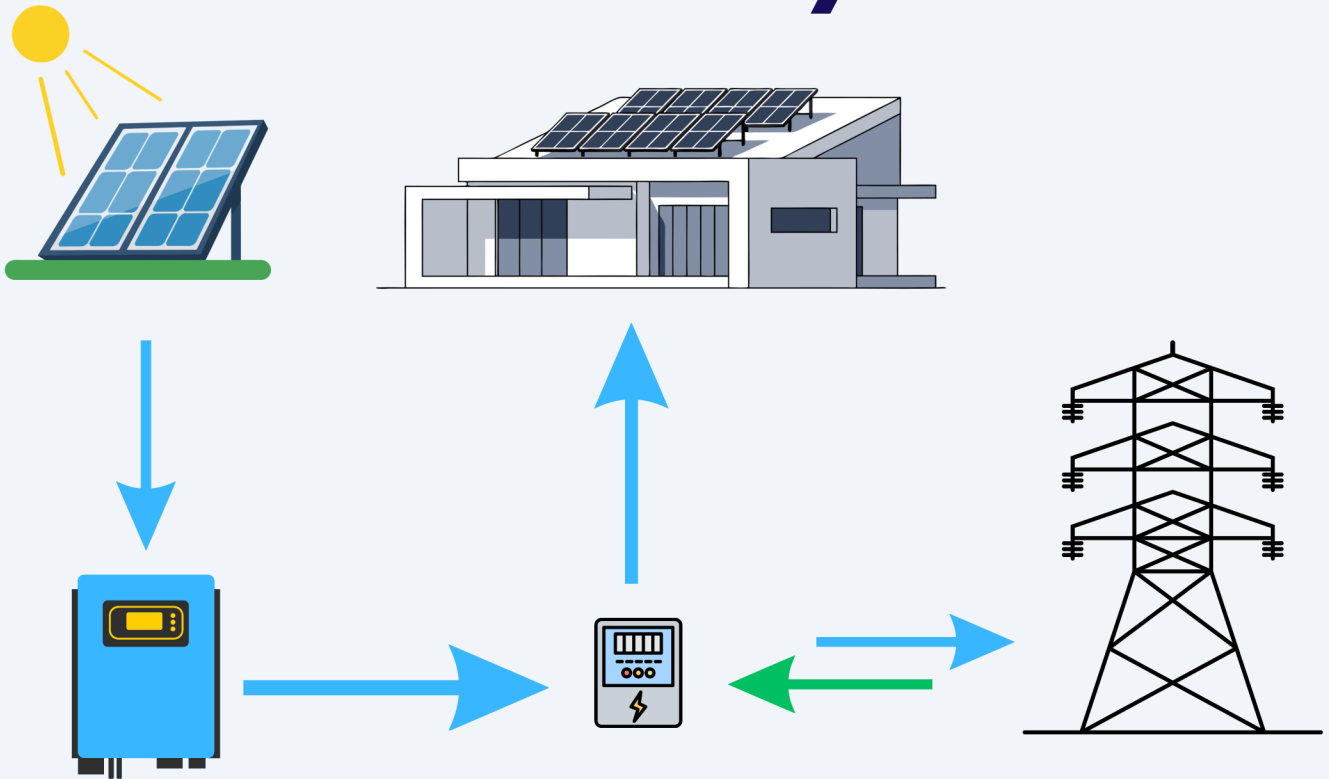


The Hidden Cost of a Cheap Solar System



A-Grade Modules	B-Grade Modules
100% factory quality approved	Rejected or downgraded
Delivers rated power output	Produce lower than rated output
Full manufacturer warranty	Warranty may be limited or difficult to claim
Better long-term reliability	Early degradation
No manufacturing defects	Have cosmetic or internal defects

On-Grid System



Connected to
electricity grid



No battery
storage required



Best for: Areas
with stable grid,
cost-conscious
buyers



Net metering
benefits – export
excess power



No backup during
grid outages

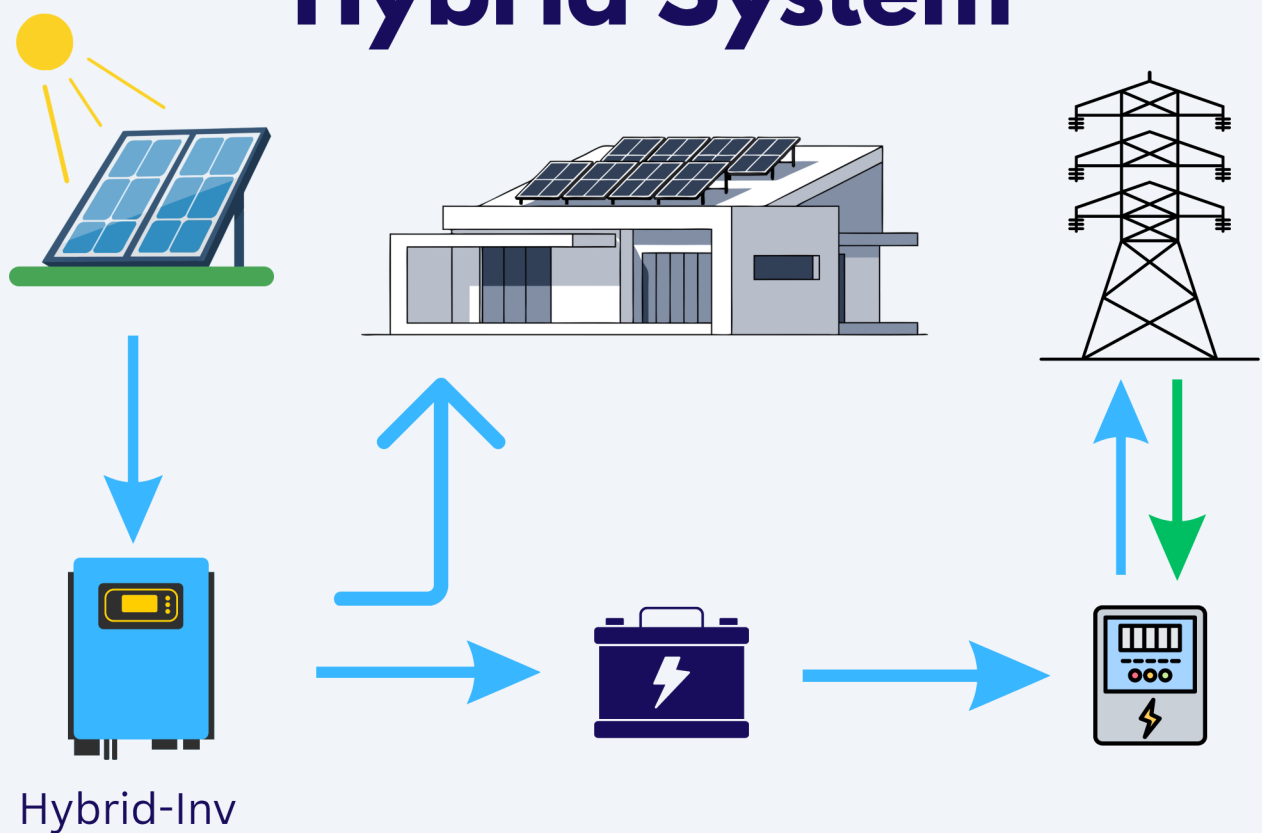


Typical payback:
3-5 years



Lowest upfront cost

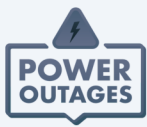
Hybrid System



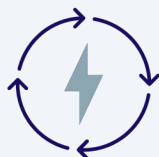
Connected to grid
+ battery backup



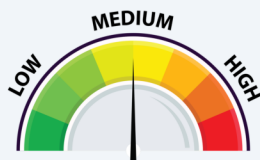
Stores excess
energy in batteries



Backup power
during outages



Smart energy
management



Medium to
high cost

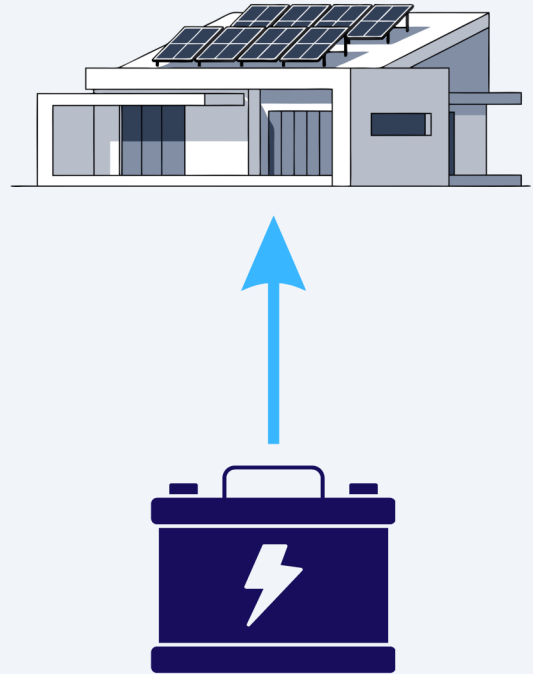
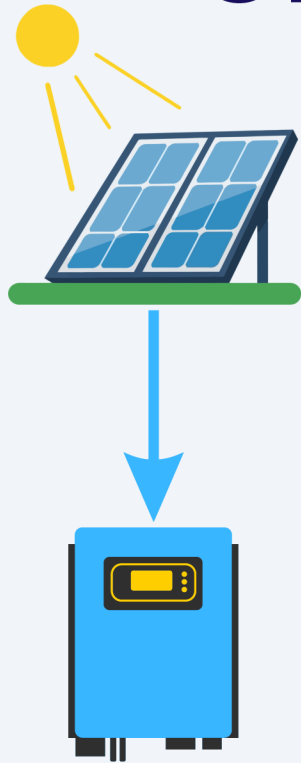


Best for: Areas with
frequent power cuts,
energy independence
seekers

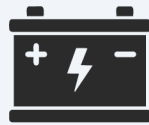


Typical payback:
5-7 years

Off-Grid System



Completely
independent from grid



Large battery
bank required



Highest upfront cost



100% energy
self-sufficiency



Requires careful
load planning



Best for: Remote
locations, no grid
access



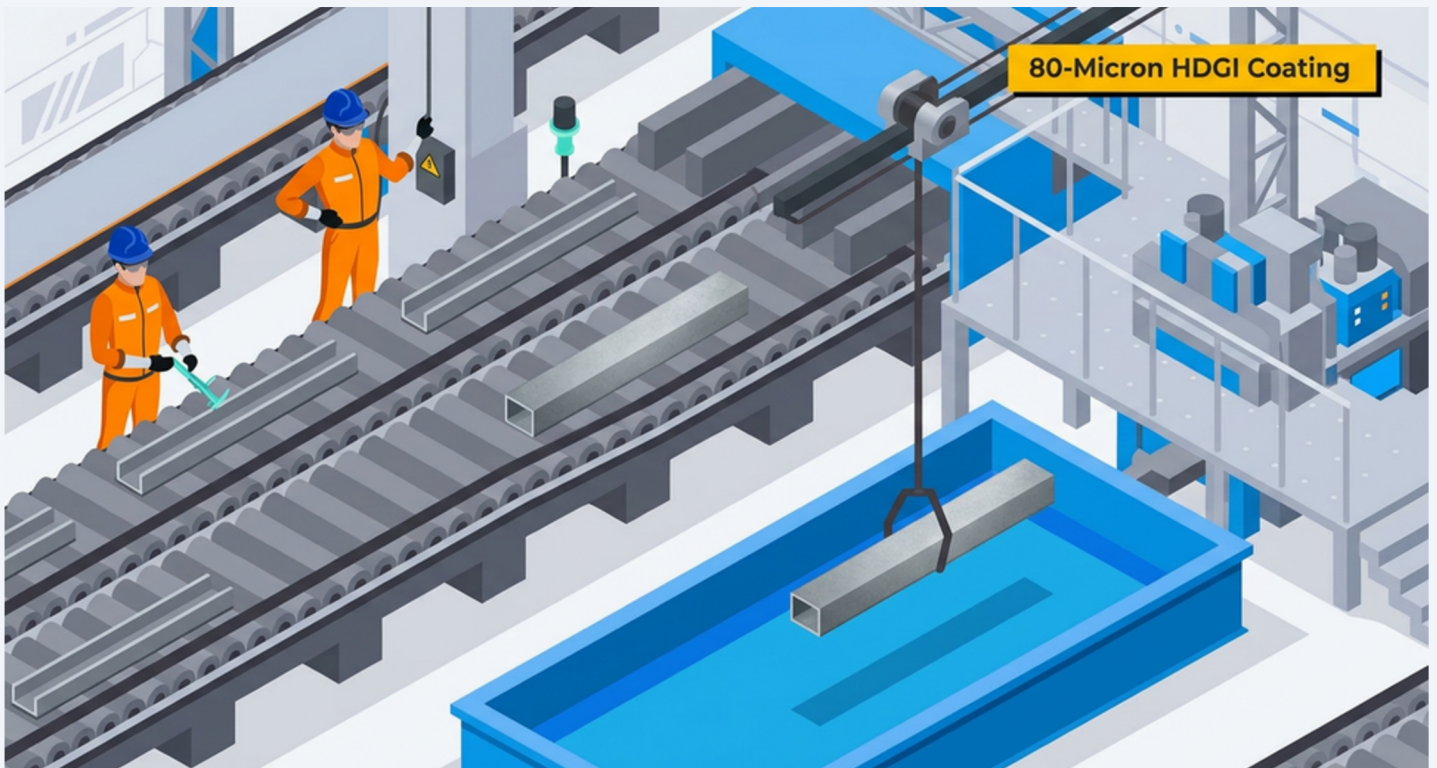
Typical payback:
7-10 years

DCR VS Non-DCR

Solar Cells	Manufactured in India	Imported (mostly China)
Module Assembly	India	India or Overseas
PM Surya Ghar Subsidy	Eligible	Eligible (Give Up Subsidy)
Price	~₹25/Wp	~₹15/Wp
Quality	Excellent	Excellent
Efficiency	Very good	Very good, sometimes higher
Warranty	25-30 years	25-30 years
Best For	Upto 6kW Capacity	Above 6kW Capacity
Government Compliance	Fully compliant	Only for residential - via give up subsidy option

Structure options

Parameter	GI (Galvanized Iron)	HDGI (Hot Dip Galvanized Iron)
Galvanization process	Steel coil galvanized before fabrication	Fabricated structure dipped in molten zinc after fabrication
Zinc coating	NA	Highest 80 microns+)
Corrosion resistance	Low	Excellent
Life in outdoor conditions	5–10 years	25–40+ years
Rust protection at cut edges & welds	Poor if not maintained	Best
Cost	Lowest	Highest
Solar plant suitability	Not recommended for long-term projects	Raymount preferred standard




Government of India



PM Surya Ghar: Muft Bijli Yojana
National Portal

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Filters

District Wise Inst...

State *
RAJASTHAN

District *
Jaipur

Apply

DEEPAK ENTERPRISES

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Prathvi singh
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[Select Vendor](#)


EMAIL
prathvisingh[at]ps[at]gmail[dot]com


CONTACT NUMBER(S)
9460704619

RATING
★★★★★ 5/5 (314)

TOTAL INSTALLED CAPACITY (kWp)
1305

NO. OF INSTALLATIONS
344



300+
Installations
Jaipur's Best



5.0 Rated
More than 300+



PM Surya Ghar
Authorized



*Formerly Known as Deepak Enterprises

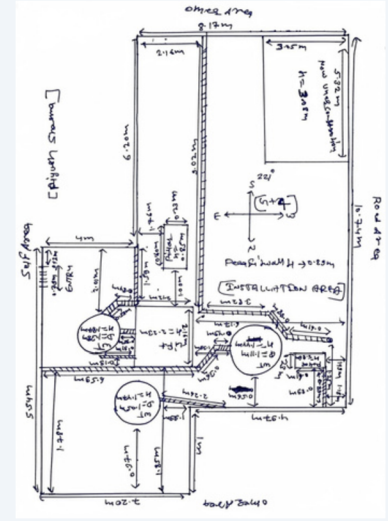
Our Installation Process

Step-1 Site Survey

Detailed site inspection to assess your roof and energy requirements.

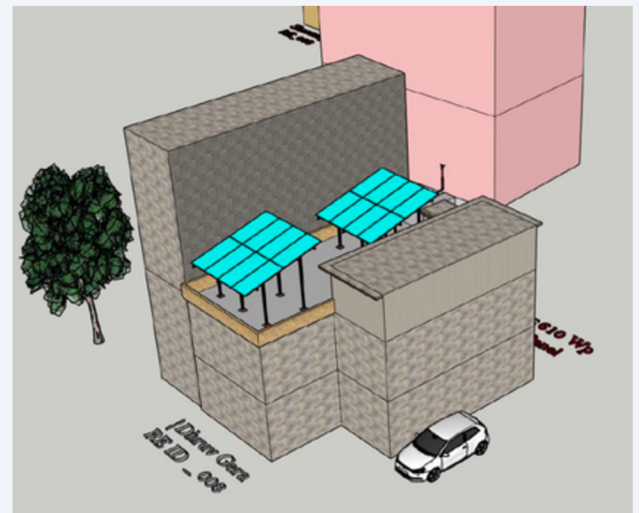
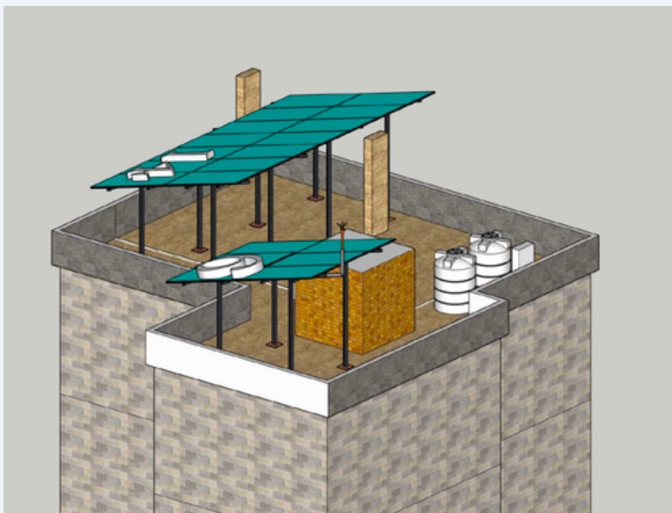


SITE ASSESSMENT	
1. Client Name	Pipunda Stashband
2. RE ID	005
3. Project Capacity	15kW
4. Structure Size	15kW
5. Module make	AVARONA
6. Module Wp	220Wp
7. No. Of Modules	21
BCC Slab thickness	120mm
8. DC cable length	118m
9. Earthing Cable length	108m
10. LA Cable length	78m
AC cable length	10m
Conduit length	130m
Existing Battery/DC	Yes/No
11. Metallic Shed Tilt Angle	
12. Roof Type	☐ Metallic ☐ RCC ☐ RB Roof ☐ Combination
13. Structure Type (RCC)	☐ prefab ☐ Welded ☐ Roof Hugging
14. Structure Height	☐ 6ft ☐ 9ft ☐ Custom Height
15. Structure Type (Metallic Shed)	☐ Long Rail ☐ Short Rail ☐ Tilted
16. Metallic Shed Tilt Angle Direction	☐ South ☐ North ☐ East ☐ West
17. Overhang Possibility	☐ NA ☐ South ☐ North ☐ East ☐ West
18. Any Nearby Plant Installation	☒ Yes ☐ No
19. Pre-sales 3D availability	☒ Yes ☐ No
20. Connection	☒ 1-Phase ☐ 3-Phase Load Extension ☐ Yes ☐ No
21. New Connection	☒ Yes ☐ No Name Error (Doc) ☐ Yes ☐ No
22. Name Change	☐ Yes ☐ No Existing Meter Type ☐ Normal ☐ Smart
23. Solar Consultant Name	Ashish K.No.
24. Project Coordinator Name	Pavan Client Signature



Step-2 3-D Designing

A customized solar solution designed for maximum performance.



Clear pricing. Clear components. No hidden downgrades or last-minute surprises.

Step-4 Professional Installation

Expert installation with premium materials, followed by testing and commissioning.



Switch to Solar with Easy Finance

You do not need to pay the full amount upfront. With flexible EMI options, your monthly EMI can be less than your current electricity bill. Solar literally pays for itself.

- ✓ **Fast Approvals**
- ✓ **Hassle-Free Loan Assistance**
- ✓ **Upto ₹2,00,000 Starting from just 5–6% Interest***

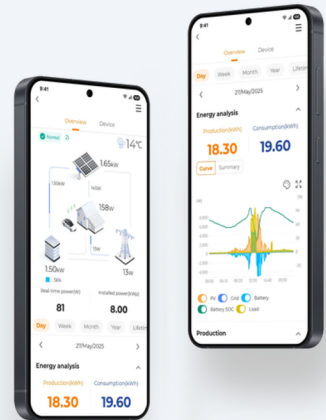


Your Solar EMI Can Be Less Than Your Electricity Bill

From Day 1, you start saving. After EMI ends, electricity is free for 20+ years.



Raymount Live Care



5 years professional maintenance



Includes electrical, structural & mechanical inspection



24/7 remote monitoring for guaranteed power generation



Includes deep cleaning with specialised equipment



Visit in every 3 months till 5 years

**Empowering homes and businesses
across Rajasthan with simple, reliable,
and worry free solar solutions.**



Book a free solar consultation today

86904-99969

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