



How do I choose a reliable vendor?

Check the official portal – PM Surya Ghar: Muft Bijli Yojana. Only empanelled vendors are listed. They are mandated to offer 5 years warranty & service, or they get blacklisted!



Can I skip the scheme and install privately?

Possible, but risky. The scheme ensures quality, warranty, and accountability. Always verify 👁️ vendors before proceeding.



Do I need a safety certificate to install solar?

Only if your system is above 10kW. Below that, no safety certificate needed.



What if my meter installation is delayed?

Raise a complaint at ☒ Consumer Grievance Redressal Forum (CGRF) on TNPDC website, or use the ☒ Mudhalvarin Mugavari portal.



Is insurance available for solar panels?

Yes! You can insure your system for theft, damage, and natural disasters.



## ROOFTOP SOLARS - YOUR QUESTIONS ANSWERED



**CAG**

Citizen consumer and civic Action Group

Citizen consumer and civic Action Group  
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Is it safe to touch solar panels when they're operating?

Yes, if the system is properly grounded and insulated.



How much electricity does a solar system generate, and how much space is required for setting up the system?

A 1 kW system can generate 4–6 units per day, depending on your location. You'll need about 60 –100 sq. ft (or 6–10 sq. m) of shadow-free space for 1 kW system. ☀️



What's the lifespan of a solar PV system?

🔋 Panels: 25–30 years (warranty up to 27 years)  
⚡ Inverters: 10–12 years (warranty: 5–10 years)  
Under the PM Surya Ghar scheme, all components have 5-year full warranty.



How often do I need to maintain the system?

Just clean the panels once or twice a month — especially in dusty areas.



What about taxes? What's the GST?

- ✅ 12% GST on 70% of the project cost
- ✅ 18% GST on 30% (installation + commissioning)
- ➡️ Effective GST: ~13.8%



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