

Walkways that carry people and produce electricity



Concept visualization: a GridMats Solar Walkway through a campus

40 W

per 550 × 400 mm module

~110 W/m²

design basis, walkway

15–16%

surface efficiency

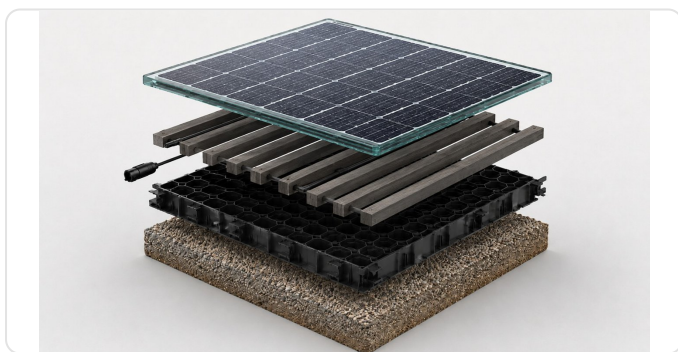
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extra land or mounting

Status: pre-commercial; pilot validation is under way and no commercial deployment is claimed yet. **Pilots** are scoped and priced per site after the site assessment.

WHAT IT IS

Three layers in one walkable surface: a modular photovoltaic layer; 40 × 40 mm MLP lumber members that carry the wiring, with about 50 mm open gaps for airflow and drainage; and the patented GridMats structural base in 100% recycled polypropylene.



WHERE IT FITS

Industrial and corporate campuses · universities and hospitals · airports, metro and bus facilities · walkways beside EV charging · public walkways and parks · data centres and utilities.

HOW A PILOT WORKS

- **Site assessment.** Shading, footfall and loads, drainage and the electrical connection.
- **Engineering.** Module, GridMats and MLP lumber layout; cabling, inverter or storage interface; safety details.
- **Field pilot.** Measured output (W/m², kWh a day), module temperature, drainage, walkability and uptime.
- **Scale-up.** Across the campus or portfolio, with lighting, sensors and batteries.

Built on the GridMats platform

Indian Patent 398992 · GreenPro certified · 100% recycled polypropylene base · over a million square feet of GridMats supplied across India.



Start with one site: a site walk and a generation estimate.

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GridMats Engineered Surface Systems · GroundReality Enterprises Pvt. Ltd., Bengaluru
· Indian Patent 398992 · GreenPro certified