



SOLAR TILES

Imagine Powertree's Solar Tiles transform ordinary building surfaces into smart, energy-generating assets. Designed to seamlessly integrate into roofs, walls, and paved areas, these tiles combine modern aesthetics with advanced solar technology to produce clean electricity without compromising design. Ideal for residential, commercial, and urban infrastructure projects, Solar Tiles turn everyday architecture into a source of renewable power.

BENEFITS



Highly
Durable



Weather
Resistant



Reduce
Operating
Costs LongTerm



Reduces Grid
Dependence



Plug and Play
Installations



Low Carbon
Footprint

Applications



Rooftop Energy Generation



Commercial & Office Buildings



Walkway & Pavements



Residential Homes and villas



Educational institutions



Reduces Grid Dependency

Specifications

Module Dimensions	1003 X 428 mm
Area Req for 1 KW generation	6 square meters
Per Tile Capacity	70 W
Defect Liability Period	12 months
PV Module Efficiency	22.80%

Cables	DC Solar Cable 4 mm2
Upper surface	Tempered glass - Clear material (8mm)
Frame material	Recycled plastic, Alluminium
Cell type	Monocrystalline
Per cell capacity	3.5 W

Why Choose Us?



Smart & Sustainable Backed by Imagine Powertree's proven expertise in iconic solar innovations, Solar Tiles are developed with the same engineering rigor and sustainability vision trusted by leading institutions and smart city initiatives.



Dual-Purpose Design Solar Tiles leverage patented design principles and advanced solar integration to deliver a unique balance of performance, durability, and aesthetics..



Easy to Deploy Purpose-designed building integrated solar tiles that transform everyday surfaces into clean energy generators, enabling power generation without additional structures or visual clutter.



Scalable for Multiple Location Ideal for campuses, parks, transit hubs & smart cities with seamless multi-site deployment.



Innovation showcased on Shark Tank India -Season 1



Appreciation by Hon. PM Narendra Modi - Solar tile showcased at Reinvest 2024



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