

## PEES Power Systems

# Solar panels on floor tiles



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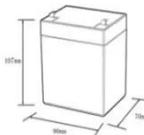


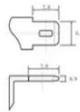
### Pavegen Solar+

Introducing Pavegen Solar+, the first kinetic and solar energy floor tile.

## Solar Walkway Converting solar power to sustainable energy

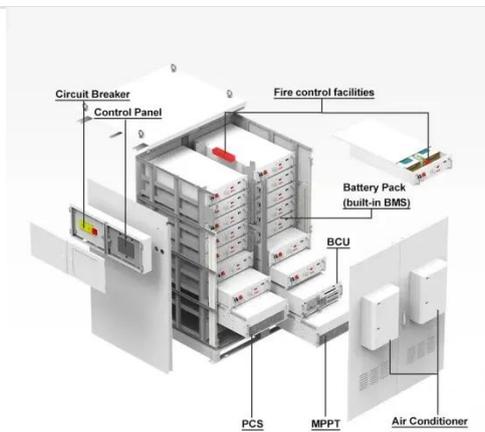
Our Solar Walkway is a smart data floor designed to promote renewable energy in the public domain. The floor is installed in urban environments to make the production of renewable energy visible.





**12.8V6Ah**

- Nominal voltage (V):12.8
- Nominal capacity (ah):6
- Rated energy (WH):76.8
- Maximum charging voltage (V):14.6
- Maximum charging current (a):6
- Floating charge voltage (V):13.6~13.8
- Maximum continuous discharge current (a):10
- Maximum peak discharge current @10 seconds (a):20
- Maximum load power (W):100
- Discharge cut-off voltage (V):10.8
- Charging temperature (°C):-20~+50
- Discharge temperature (°C):-20~+60
- Working humidity: <95% R.H (non condensing)
- Number of cycles (25 °C, 0.5c, 100%doD): >2000
- Cell combination mode: 32700-4s1p
- Terminal specification: T2 (6.3mm)
- Protection grade: IP65
- Overall dimension (mm):90\*70\*107mm
- Reference weight (kg):0.7
- Certification: un38.3/msds



### Walkable Floors

Photovoltaic walkable floors and roofs offer a cutting-edge solution for integrating solar power into building surfaces. These photovoltaic systems enable building owners to install solar energy on ...

## Solar Tiles: The Complete Buying Guide For Solar Tiles [2025]

Interested in solar tiles? Our comprehensive buying guide covers everything you need to know, from installation to maintenance and cost savings.



## PV Floor , Walkable Solar Module, Solar Panel Floor Tiles

PVFloor provides both energy saving and an aesthetic solution with its innovative energy-generating solar panels used as floor covering. With its durable and efficient structure, PVFloor can be used in ...

## Walkable Sunshine: Photovoltaic Floor Tiles Leading the New Trend in

Photovoltaic floor tiles combine solar energy generation with durable paving materials, offering sustainable energy solutions for urban spaces, public areas, and smart cities, while reducing ...



## What Benefits Do Solar Panel

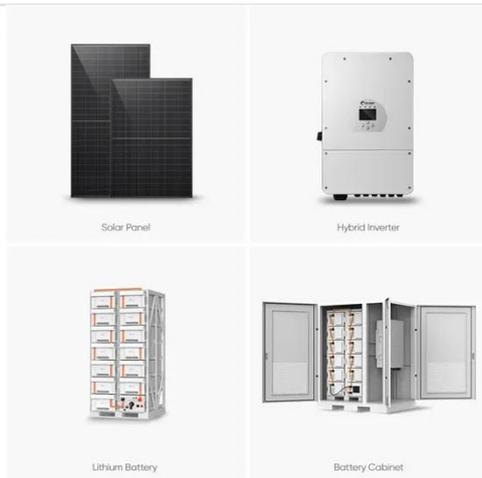
## Floor Tiles Provide?

Unlike traditional solar panels that require mounting on roofs, solar panel floor tiles are designed to blend seamlessly with your existing flooring. This means you can harness solar energy ...



## PV Floor's Walkable Panels Put Solar Underfoot In Both Residential

Turkey's largest solar manufacturer, Ankara Solar, recently came out with a line of walkable solar panels, which have a durable non-slip glass surface, that can be installed in floors and



## New walkable solar panels could revolutionize architecture as we know

"Our photovoltaic (PV) floor systems seamlessly integrate solar energy generation into the very fabric of your living and working spaces, transforming ordinary floors into extraordinary ...

**Contact Us**

For catalog requests, pricing, or partnerships, please visit:  
<https://peregrine-energy.co.za>

