

# BIPV

## PORSCHE & VOLKSWAGEN PARKING



2022

### PV PANEL

- SI-ESF-M-BIPV-CT-M156-60
- 8 mm tempered glass  
high-transparency
  - 0.76 mm PVB layer
  - 0.21 mm monocrystalline PV  
cells 156x156 mm
  - 1.52 mm PVB layer
  - 8 mm tempered glass

### Composition:



Size: 1000 x 1800 mm<sup>2</sup>

Weight: 42.69 kg/m<sup>2</sup>

Matrix: 6 x 10

Transparency: 18%



Panel Power: 310 Wp



Total Power: 82.150 Wp

Quantity: 265 pcs



**P**hotovoltaic parking are an alternative way to transform materials that are normally used in construction to generate **shades**.





Figure 1 is a schematic diagram of the experimental setup. It shows a 3x3 grid of gray squares on a black background. The dimensions are indicated as follows: the width of a square is 71mm, the height of a square is 45mm, the vertical gap between squares is 10mm, and the horizontal gap between squares is 4mm.

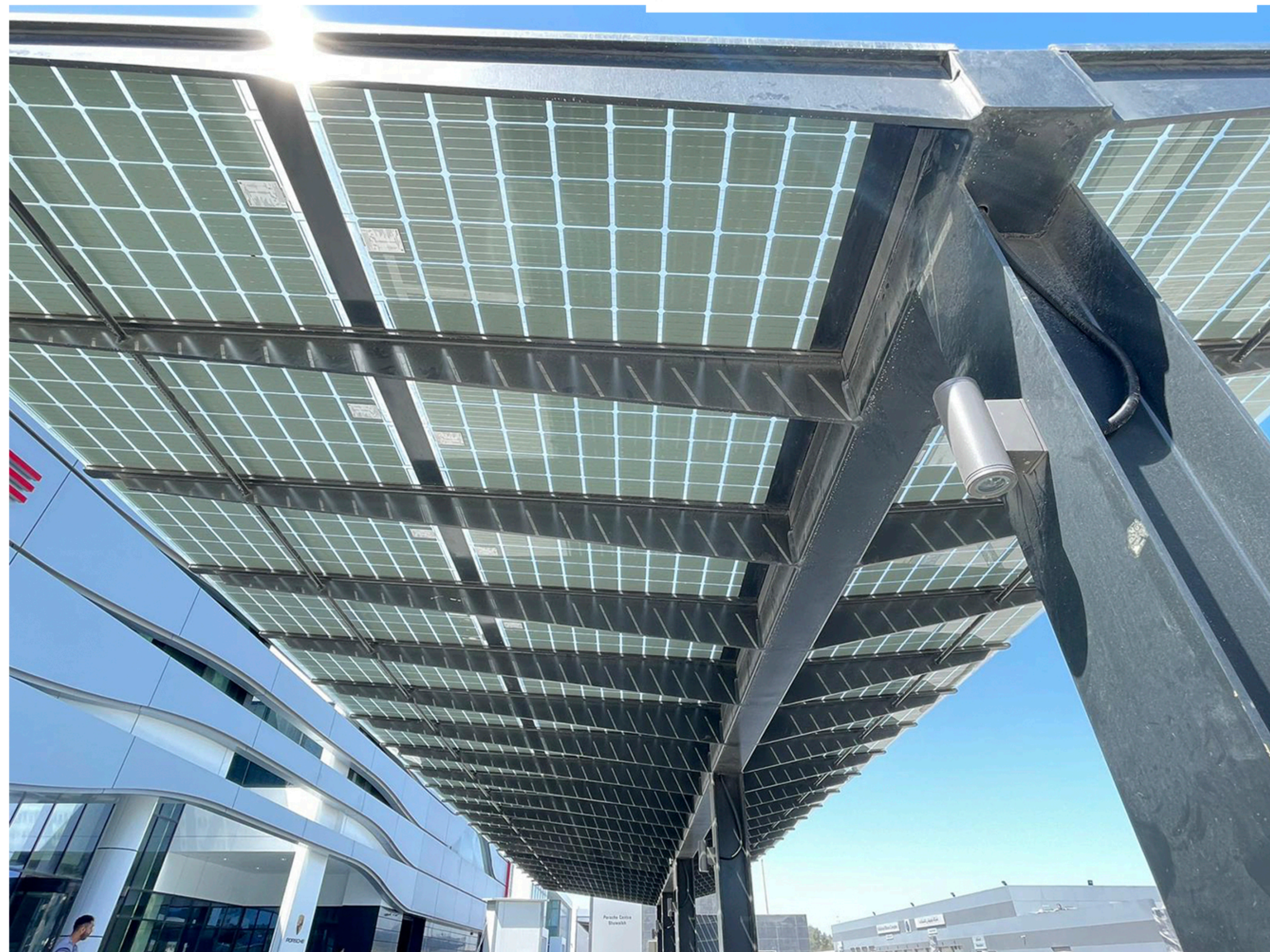


Diagram of a square specimen with dimensions 156,75 mm by 156,75 mm. The specimen is divided into five vertical strips by four vertical lines. The top corners are rounded.

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- + Energy + Saving - Outlay - CO<sub>2</sub>**

