

# Hantile

## Product Highlights

The world's first **unique three-dimensional power-generation curved architectural tile**, combining **beautiful appearance** with **strong practicality**.

Equipped with a **real-time monitoring system**, the product supports **big data integration** and **intelligent management**, enabling efficient performance tracking and advanced energy management.

## Key Features

- Weight:** 6.5 kg
- Thickness:** 8 mm
- Superb Quality:** Global originality
- Premium Aesthetics:** Award-winning design concept
- High Strength:** Tempered glass structure



## Specifications

	Product 1	Product 2	Product 3	Product 4
Rated Power Pn (W)	18 / 25	21 / 28	23 / 30	25 / 32
Power per m <sup>2</sup> Pm (W)	62 / 86	72 / 96	79 / 103	86 / 110
Open Circuit Voltage Voc (V)	9.60 / 10.30	9.80 / 10.50	10.10 / 10.60	10.30 / 10.80
Short Circuit Current Isc (A)	3.30 / 3.80	3.40 / 3.90	3.50 / 4.00	3.60 / 4.10
Maximum Power Voltage Vmp (V)	7.20 / 8.10	7.50 / 8.40	7.80 / 8.60	8.10 / 8.90
Maximum Power Current Imp (A)	2.55 / 3.10	2.82 / 3.40	2.98 / 3.50	3.09 / 3.60
Product Dimensions L×W (mm)	721 × 500 × 33 (±2)			
Module Thickness (mm)	8 (±1)			
Weight per Module (kg)	6.5 (±0.5)			
Weight per m <sup>2</sup> (kg)	22 (±0.5)			
Cable Service Life (years)	25			

## Materials & Construction

- Solar Cell Type:** Flexible thin-film CIGS (Cu, In, Ga, Se<sub>2</sub>)
- Front Glass:** Tempered glass
- Back Glass:** Tempered glass
- Frame:** Aluminum alloy / PPO
- Junction Box:** IP67, MC4 connector
- Color Options:** Zero-carbon black / Gold-red / Emerald green