

# CLIMATILE™

Smart and sustainable system for cladding and roofing.



## snap, lock, done!

A genius interlocking mechanism lets you "snap" the tiles in place quickly and easily - fast, secure and precise results saving in installation costs and ensuring leak-free performance.



## made to last

Including locally sourced recycled PP and advanced chemistry, Climatitle™ offers fire resistance, structural strength, and exceptional UV durability - even under the intense equatorial sun!



## enjoy clean rainwater collection

Our material and chemistry are non-toxic



## comfortable indoor temperatures

Our material and special pigments provide enhanced insulation saving on energy costs and keeping you happy under its shade.



## ultra-light solar built for speed and savings

Ultra-light, high-efficiency solar panels coupled with a smart integration system maintain roof integrity, install 40% faster and cut structural costs by up to 60%.



Place your Climatitle order now!

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### Product Specs

- Size: 430 x 420 x 70 mm
- Weight: 0.8 Kg
- Material: uses recycled PP
- Installation Hardware: Screws
- No. Tiles per sqm: 8
- Weight per sqm: 6.24Kg
- Minimum Roof Pitch: 15°

### Solar Panel Specs (Electrical)

- Max Power: 520
- Max Power Voltage: 42.3
- Max Power Current: 12.31
- Open-circuit Voltage: 49.5
- Short-circuit Current: 13.56
- Module Efficiency (%): 19.3
- Operating Temp: -40 °C to 85 °C
- Max System Voltage: 1500 V DC (IEC)
- Max: Series Fuse Rating: 25 A
- Application Class: Class A
- Power Tolerance: 0/+5 W

### Solar Panel Specs (Mechanical)

- Solar Cell: Monocrystalline Silicon (182 mm Half Cell)
- No. of Cells: 144 (12 x 12)
- Module Dimensions: 2246 x 1197 x 2 mm
- Weight: 7.7 Kg
- Backsheet: White
- Frame: Frameless
- J-Box: IP 68 Rated
- Output Cable: PV Tech Cable 4.0 mm

### Battery (Capacity)

- 3.8 expandable to 45.6 kWh
- Max 4 in series per 5 Kw inverter

### Inverter (Power)

- 5 kW Hybrid inverter
- Expandable to 15 kW - Single phase



Available in different colors

### Competitive advantage

Climatile stands out from the competition with its unmatched combination of features. A safe long-term investment in your building project.

- Recycled & Recyclability
- Ease & Speed of Installation
- Light Weight
- Long Term Savings
- Improved Insulation
- Energy Generation
- Safe Water Collection
- Dismountable



	Corrugated Sheets	Clay Tiles	Stone Coated Tiles
Recycled & Recyclability	✗	✗	✗
Ease & Speed of Installation	✓	✗	✓
Light Weight	✓	✗	✓
Long Term Savings	✗	✗	✗
Improved Insulation	✗	✓	✗
Energy Generation	✗	✗	✗
Safe Water Collection	✗	✗	✗
Dismountable	✗	✗	✗

### Climatile system

Modular building tile + Ultra-light Solar (includes latest Tier 1 batteries and inverters)

**Climatile**  
Snap-fit modular tile  
Engineered to last

**Ultra-Light Solar Panels**  
Frameless solar panels  
70% lighter, 95% thinner than glass  
Boosting same efficiency and power than standard Solar Panels

**Smart Solar Integration**  
Light-weight racking  
Meticulously engineered for strength, hold, and precise mechanical incorporation to the tile

