GOODWE

SUNCAKE SERIES

BMM-T1/054A

A Balcony Solar System - Plug & Play Portable Solar

ENJOY SOLAR，A PIECE OF CAKE

Portable Energy for Wherever You Are

The Suncake Balcony Solar System is a plug-and-play portable power generation kit. With lightweight PV panels, a microinverter, straps, and cables, you can easily generate your own electricity and use it anywhere. Simply attach the solar modules to the railing and plug them into an electrical outlet to start generating power. Moreover, it is entirely portable, you can unplug it, move it, and reconnect it as needed. Whether on an apartment balcony, in a courtyard, on a terrace, exterior walls, balcony railings, fences, or even outdoor tables, this system allows you to use electricity easily anytime, anywhere.

Reasons to Choose Us

Lightweight & Stylish

- 3.5 kg/m² lightweight solar panel
- Sleek matte black, anti-glare design
- Compact 21 kg system fitting easily in a car trunk

DIY Setup in No Time

- Plug-and-play easy installation
- Solo install up to 75% efficiency boost
- No tools, no extra labor required

Reliable One-Stop Solution

- All-in-one package, 50% lower shipping costs
- Durable full die-cast aluminum microinverter
- Rapid discharge for enhanced safety

Carry & Go

- Portable, easy to carry with one hand
- Versatile for urban living and outdoor use
- Glass fence adaptable

Suncake Portable Solar Kit

PV Panel

All-in-One Package

Microinverter

AC Cable

Accessory

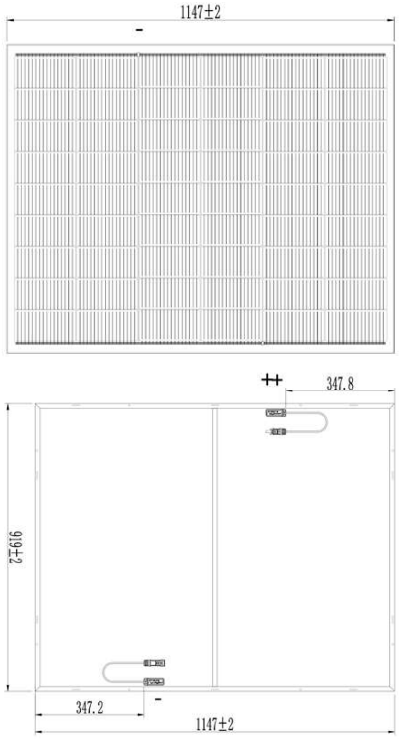
Straps

DC Cable

System Solution

System Capacity	Panel unit	Straps	Microinverter	Microinverter Accessory	DC Cable	AC Cable
820W	4pcs	40pcs	800W	1pc	4pcs	1pc

Efficient BIPV Panels



Structural Data	BMM-T1/054A
Dimension	1147±2*919±2*17±1mm
Weight	3.5±0.5kg
Cell Type	N-type Topcon Half Cells(54 pcs)
Cable	4mm²
Connector Type	MC4-EVO2(Stäubli)
Electrical Data (STC)	
Power	205W
Power/m²	194W/m²
Voltage at Max Power (Vmpp)	16.60V
Voltage at Open Circuit (Voc)	20.31V
Current at Max Power (Impp)	12.35A
Current at Short Circuit (Isc)	12.65A
Operation Conditions	
Max. Front Side Static Load	2400Pa
Max. Rear Side Static Load	2400Pa
Maximum System Voltage	1500V
Maximum Fuse Rating Operation	25A
Temperature Range	-40°C~+85°C
The Rated Operating Temperature	45±2°C
Fire-resistant Class	C
Ingress Protection Rating	IP67
Protection Class	II
Temperature Parameter	
Isc TP	+0.03%/°C
Voc TP	-0.27%/°C
Pmpp TP	-0.30%/°C

Balcony Solar Power System with Microinverter

	GW0.8K-MIS-G10
Size	256*287*34.5mm
Weight	3.4kg
Commonly Used Module Power	200-600W
Nominal Output Power	800W
MPPT Range	13~60V
Max. Input Current Per MPPT	18A
Max. Efficiency	96.40%
Operating Temperature Range	-40°C~+65°C, < 45°C No load shedding
Noise	< 22dB
Communication	WiFi / Bluetooth
Topology	Galvanically Isolated HF Transformer
No. of MPP Trackers	2
No. of Input Strings Per Tracker	1
PV String Current Monitoring	Integrated
Anti-islanding Protection	Integrated
AC Surge Arrester	AC type III
Compliance	IEC 62109, VDE 4105:2018, ETSI/EN 303645, EN 18031, IEC 61000, EN 300328, EN 301489, EN IEC 62311, IEC 62920, EN 62479