

GOODWE

SUNCAKE SERIES

BMM-T1/054A

A Balcony Solar System - Plug & Play Portable Solar
ENJOY SOLAR, A PIECE OF CAKE

Lightweight & Stylish

3.5 kg/pcs lightweight solar panel

Sleek matte black, anti-glare design



5 Years Limited Product Warranty

10 Years Limited Power Output Warranty

TUV All Quality Award for 10 years!

CE



Reliable One-Stop Solution

All-in-one package, 50% lower shipping costs



Compact Energy Anywhere

Compact 27kg system fitting easily in a car trunk



System Solution

System Capacity	Panel Unit	Straps	Microinverter	Microinverter Accessory	DC Cable	AC Cable
820W	4pcs	40pcs	800W	1pc	6pcs	1pc

Efficient PV 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	4mm ²
Connector Type	MC4-EVO2(Stäubli)

Electrical Data (STC)

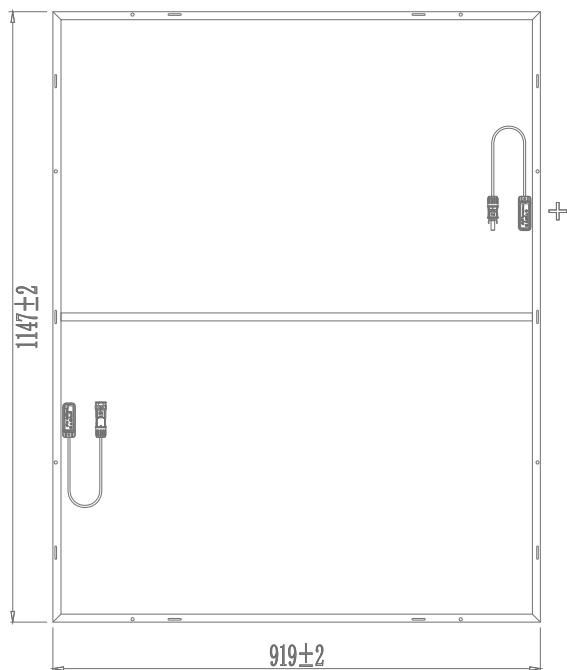
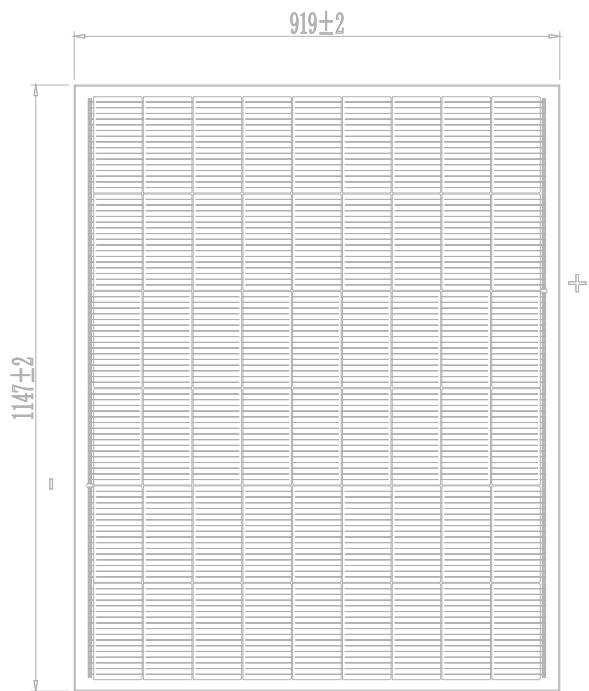
Power	205W
Power/m ²	194W/m ²
Voltage at Max Power (Vmpp)	16.60V
Voltage at Open Circuit (Voc)	20.31V
Current at Max Power (Impp)	12.35A
Current at Short Circuit (Isc)	12.65A

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

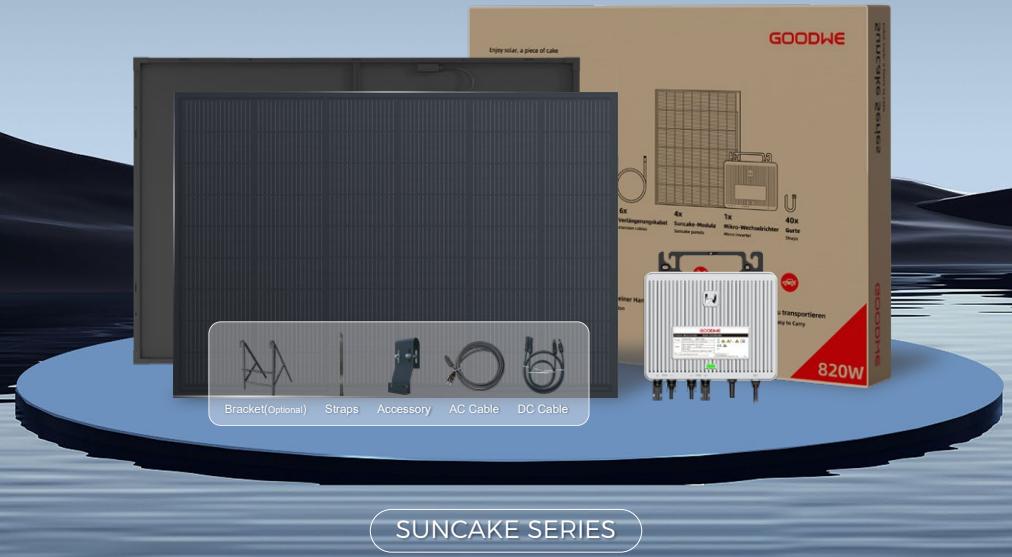
Temperature Parameter

Isc TP	+0.03%/°C
Voc TP	-0.27%/°C
Pmpp TP	-0.30%/°C



A PLUG&PLAY PORTABLE SOLAR

Enjoy Suncake, A Piece of Cake



SUNCAKE SERIES

Perfect Partner: 2-in-1 Microinverter

GoodWe's new 2-in-1 Microinverter is designed for both balcony and rooftop solar systems, combining compact design with powerful performance. It maximizes energy yield with dual MPPT and wide module compatibility. With plug & play installation and advanced Wi-Fi Mesh networking, it enables fast, reliable multi-inverter communication without extra devices — making clean energy more accessible for everyday use.

Reasons to Choose Us



Friendly & Thoughtful Design

- 2-in-1 design for multi-angle rooftop
- Plug & play installation, easy to install
- Lightweight build for hassle-free handling



Superb Safety & Reliability

- Rapid shutdown function for emergencies
- Rapid discharge to safe 36V within 100ms
- IP67 ingress protection



Optimal Performance

- Dual MPPT with 18A input
- Strong module adaptability
- 15V low start-up voltage



Smart Control & Monitoring

- Built-in Wi-Fi & Bluetooth for stable connection
- Easy parallel with self-organizing Wi-Fi Mesh
- Smart module-level monitoring via SEMS+

Balcony Solar Power System with Microinverter

Structural Data

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



Versatile Applications



GOODWE PV BUILDING MATERIALS

Solarise Every Building



LinkedIn



Youtube



Facebook



Instagram



Little Red Book



GoodWe



GOODWE TECHNOLOGIES CO., LTD



No. 93 Tayuan Road Suzhou, 215011, China



info.pvbm@goodwe.com, suncake.pvbm@goodwe.com



en.pvbm.com