

Balcony Solar System Introduction

GoodWe PVBM Solution

2026.06.14



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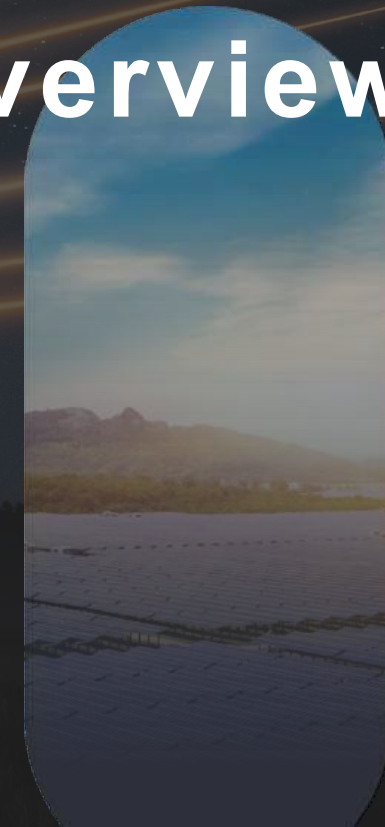
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Balcony Solar System

01

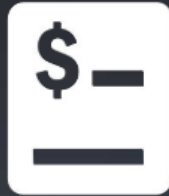
Suncake Solar System Overview



Balcony Solar System Background



Energy crisis



Tariff increase



Limited PV
installation area



High installation cost



Policy subsidies



Multiple application
scenario



DIY Installation

Suncake Balcony Solution

A Plug&Play Portable Solar

Enjoy Solar, A Piece of Cake



Balcony Solar System Overview



Goodwe Suncake Product
205Wp/485Wp



GoodWe Micro-inverter



Or

GoodWe Micro-Storage



Option 1: strap



Option 2: Bracket



Accessories

02 | GoodWe Suncake Product



SUNCAKE LITE SERIES

STYLISH DESIGN



Matte Black & Anti-glare



SUNCAKE LITE SERIES LIFT IN ONE HAND



3.5 kg/m² Solar Panel



SUNCAKE LITE SERIES FITS IN YOUR CAR TRUNK



Compact All-in-One Package



Suncake Product Introduction



Front Sheet: KPX front sheet
Back Sheet: CPC back sheet

BMM-T1/054A	
Size	1147mm*919mm*17mm
Weight	3.5±0.5kg
Vmpp(V)	16.60
Impp(A)	12.35
Voc(V)	20.31
Isc(A)	12.65
Load Capacity	+2000pa
Wind Resistance	14 level
Power	205W
Power Density	194W

Suncake Product Introduction



Front Sheet: KPX front sheet
Back Sheet: CPC back sheet

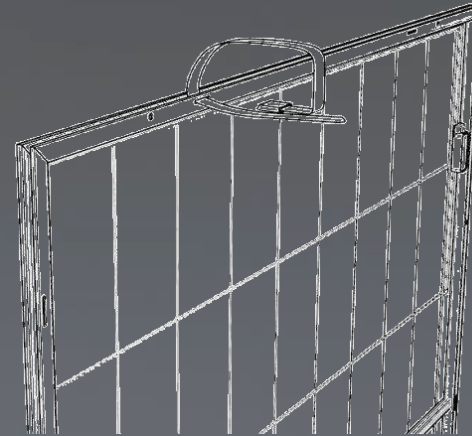
BMW-K1/120A 485Wp	
Dimension	1909±2 (L) *1134±2 (W) *30±1 (H)
Color	Black
Surface	2.0mm Single Glass
Cell Type	N – TOPCon
Pmax	485W
Impp	13.11 A
Isc	13.77 A
Uoc	43.91 V
Umpp	37.00 V
Weight / m2	8 kg/m2
Weight	17±0.5Kg
Hail	D:25mm; S:23m/s (IEC 61215)
IP	IP67

Suncake - Installation Method



Bracket Installation

- Adjustable angle
- Pre-assembled Bracket
- Stable Structure



Strap Installation



- Fast installation
- Feasible for multiple scenario
- Easy to remove

Requirements for railings

Compliant with structural safety standards

Railing width<40mm

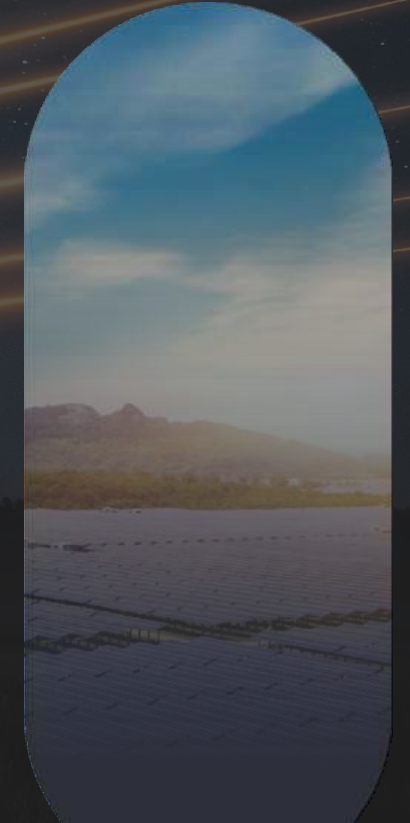
Railing length<200mm

Compliant with structural safety standards

Railing Diameter<300mm

03

GoodWe Micro Inverter



GoodWe Micro-inverter Introduction



Efficiency		
Max. Efficiency	96.40%	96.40%
Nominal MPPT Efficiency	99.80%	99.80%

Input	Parameter	GW0.8K-MIS-G10	GW0.799K-MIS-G10
	Commonly used module power (W)	200 ~ 600+	200 ~ 600+
	Max. Input Voltage (V)	60	60
	MPPT Operating Voltage Range (V)	13 ~ 60	13 ~ 60
	Peak Power Tracking Voltage Range (V)	32 ~ 48	32 ~ 48
	Start-up Voltage (V)	15	15
	Max. Input Current (A)	2 × 18	2 × 18
	Max. Input Short Circuit Current (A)	2 × 20	2 × 20
	Number of MPP Trackers	2	2
	Number of Inputs per MPPT	1	1

Output	Max. Continuous Output Power (VA)	800	799
	Nominal Output Voltage (V)	L / N / PE, 220 / 230 / 240	L / N / PE, 220 / 230 / 240
	Output Voltage Range (V)* _鹿	176 ~ 264	176 ~ 264
	Nominal Output Frequency (Hz)	50 / 60	50 / 60
	AC Grid Frequency Range (Hz)* _鹿	45 ~ 55 / 55 ~ 65	50 / 60
	Max. Continuous Output Current (A)	3.5 @ 220V	3.5 @ 220V
		3.4 @ 230V	3.4 @ 230V
		3.3 @ 240V	3.3 @ 240V
	Power Factor	~1 (Adjustable from 0.8 leading to 0.8 lagging)	~1 (Adjustable from 0.8 leading to 0.8 lagging)
	Max. Total Harmonic Distortion	< 3%	< 3%

GoodWe Micro-inverter Introduction

➤ Plug & play design for hassle-free setup

➤ Reliable system-level solution

➤ MPPT voltage range of 13–60V works
with smaller modules

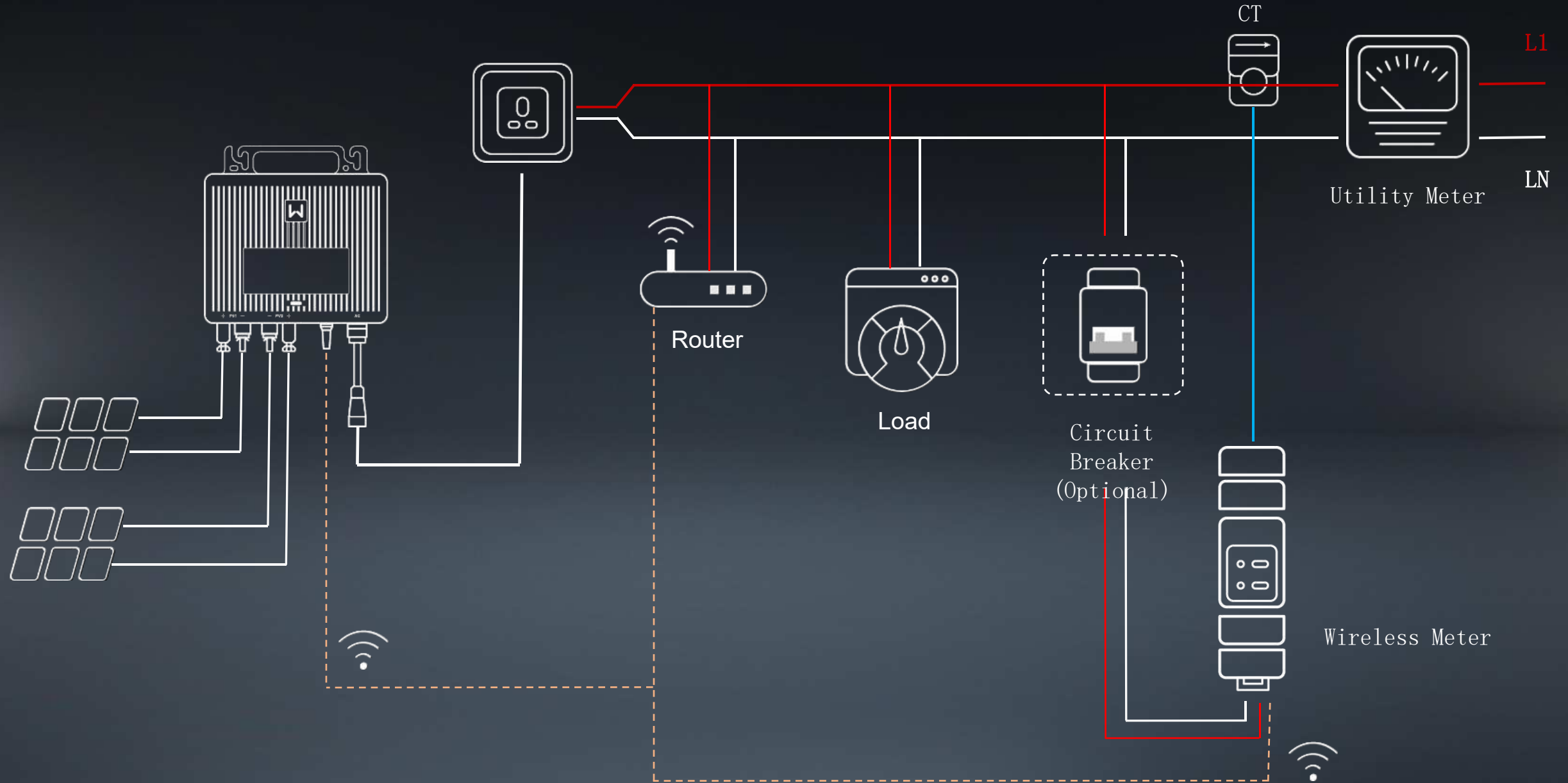


◀ Dual MPPT with 18A input, compatible
with larger modules

◀ Modern aesthetics with no visible
screws or glue marks

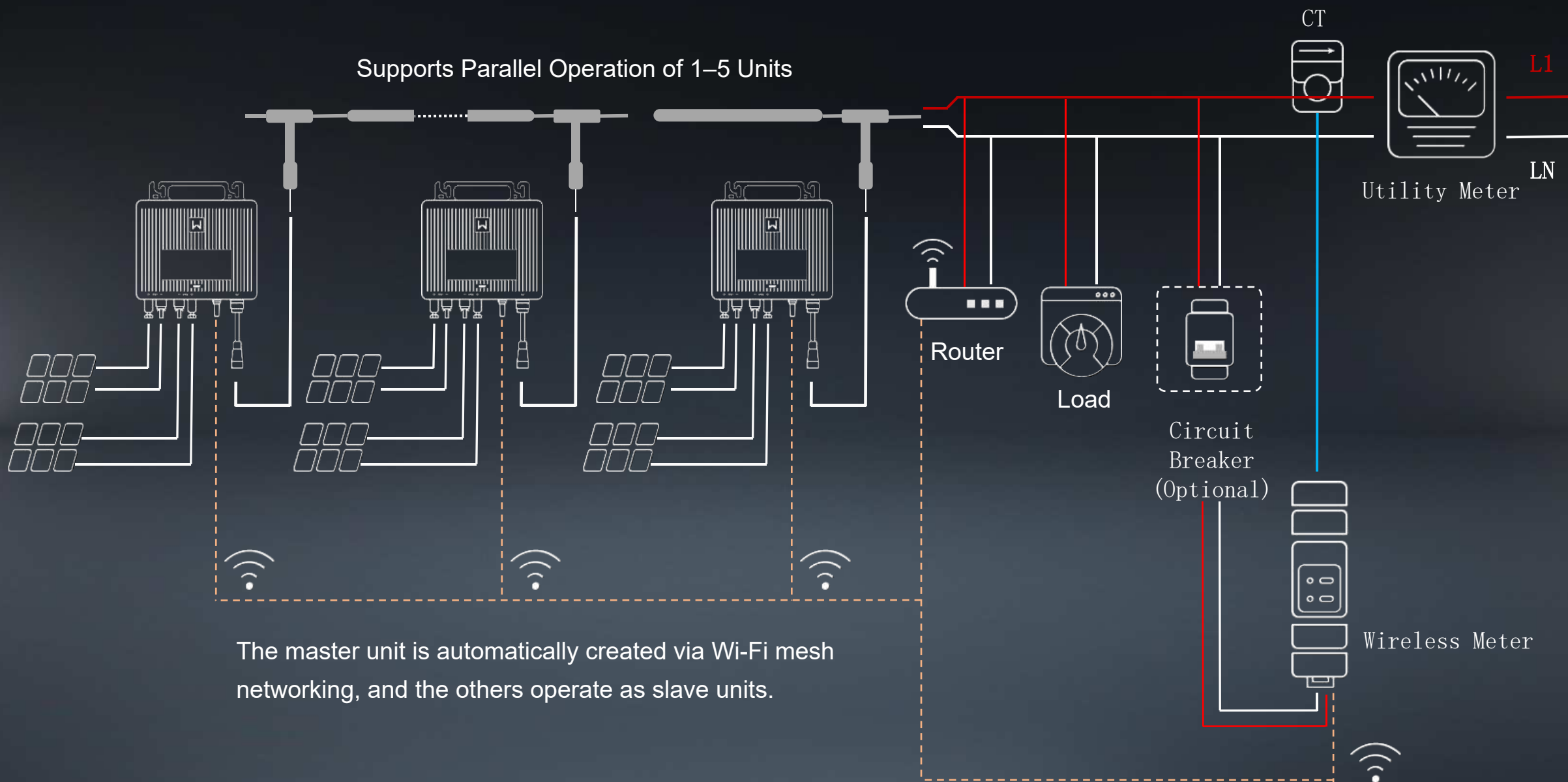
◀ Low start-up voltage of 15V

Single-Unit Anti-Backflow solution (Balcony Scenario)

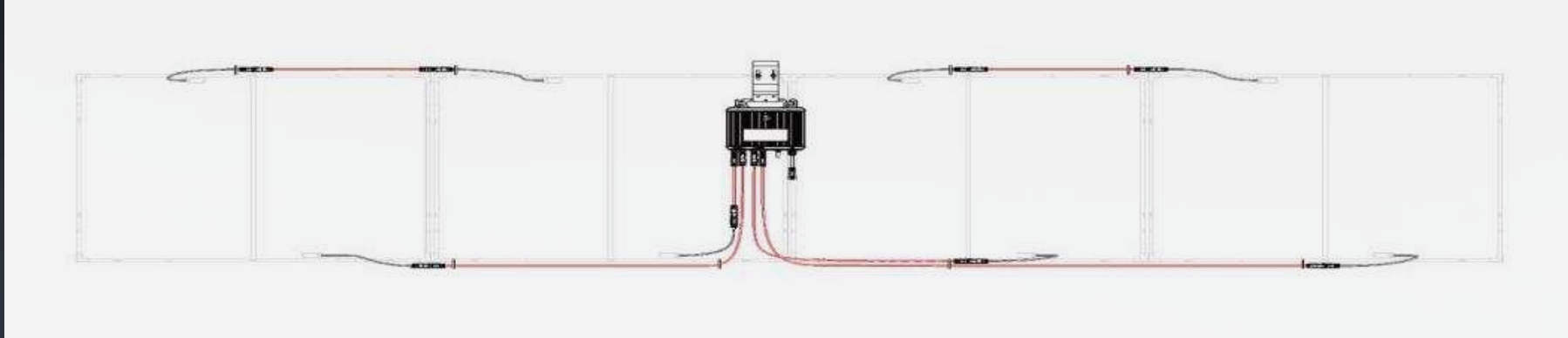
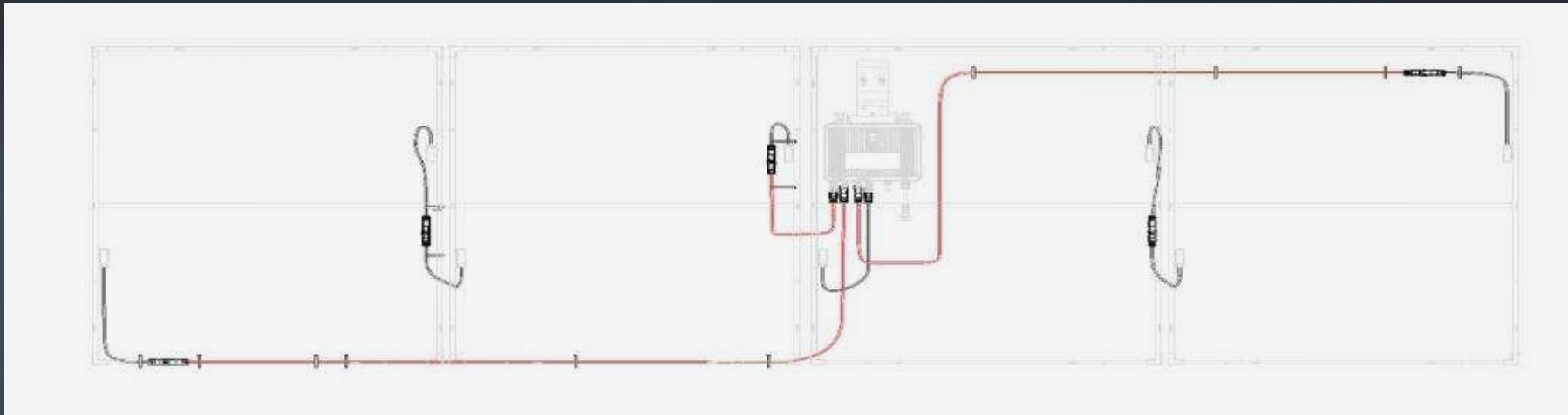


Multi-Unit Anti-Backflow solution (Rooftop Scenario)

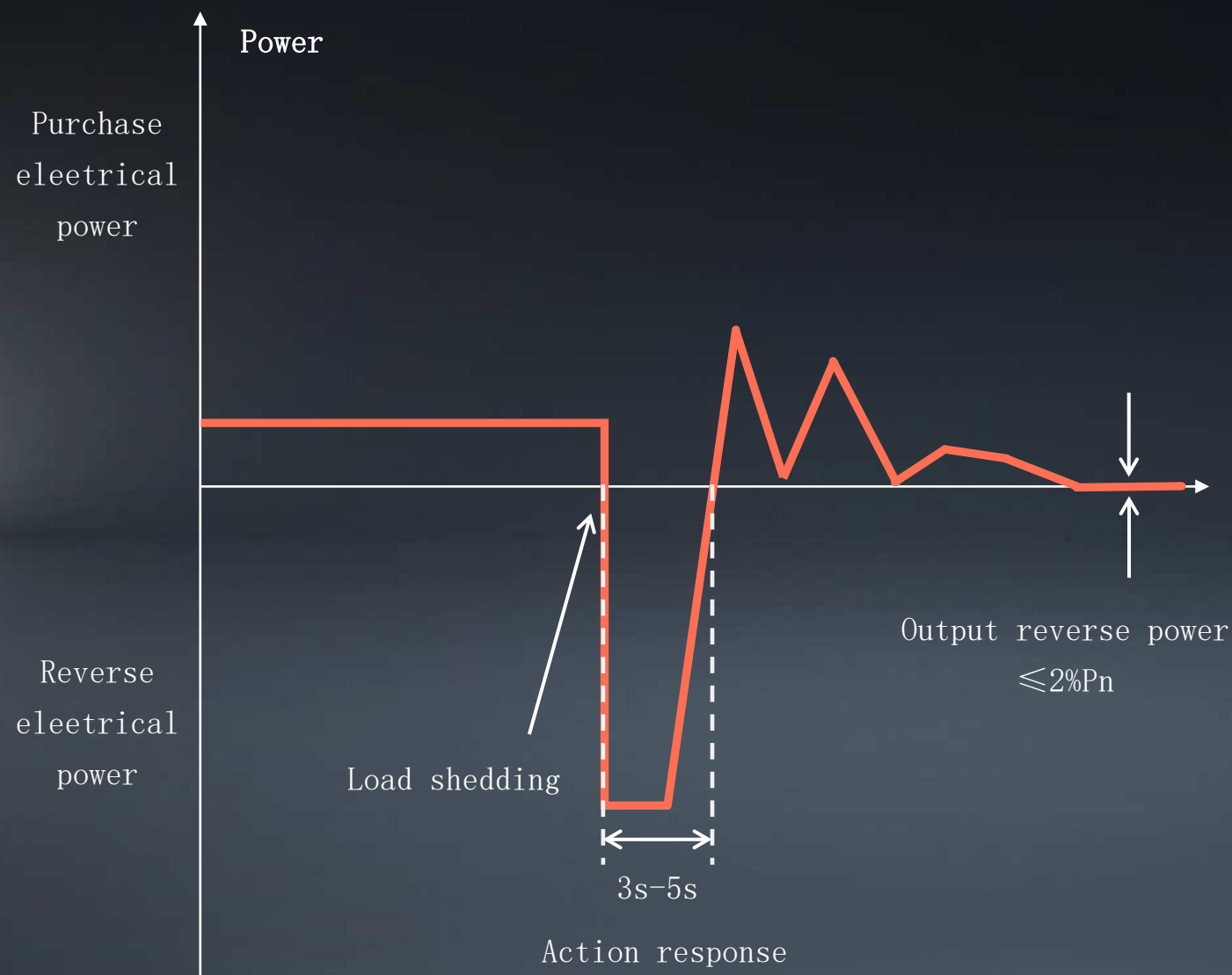
Supports Parallel Operation of 1–5 Units



GoodWe Micro-inverter Introduction

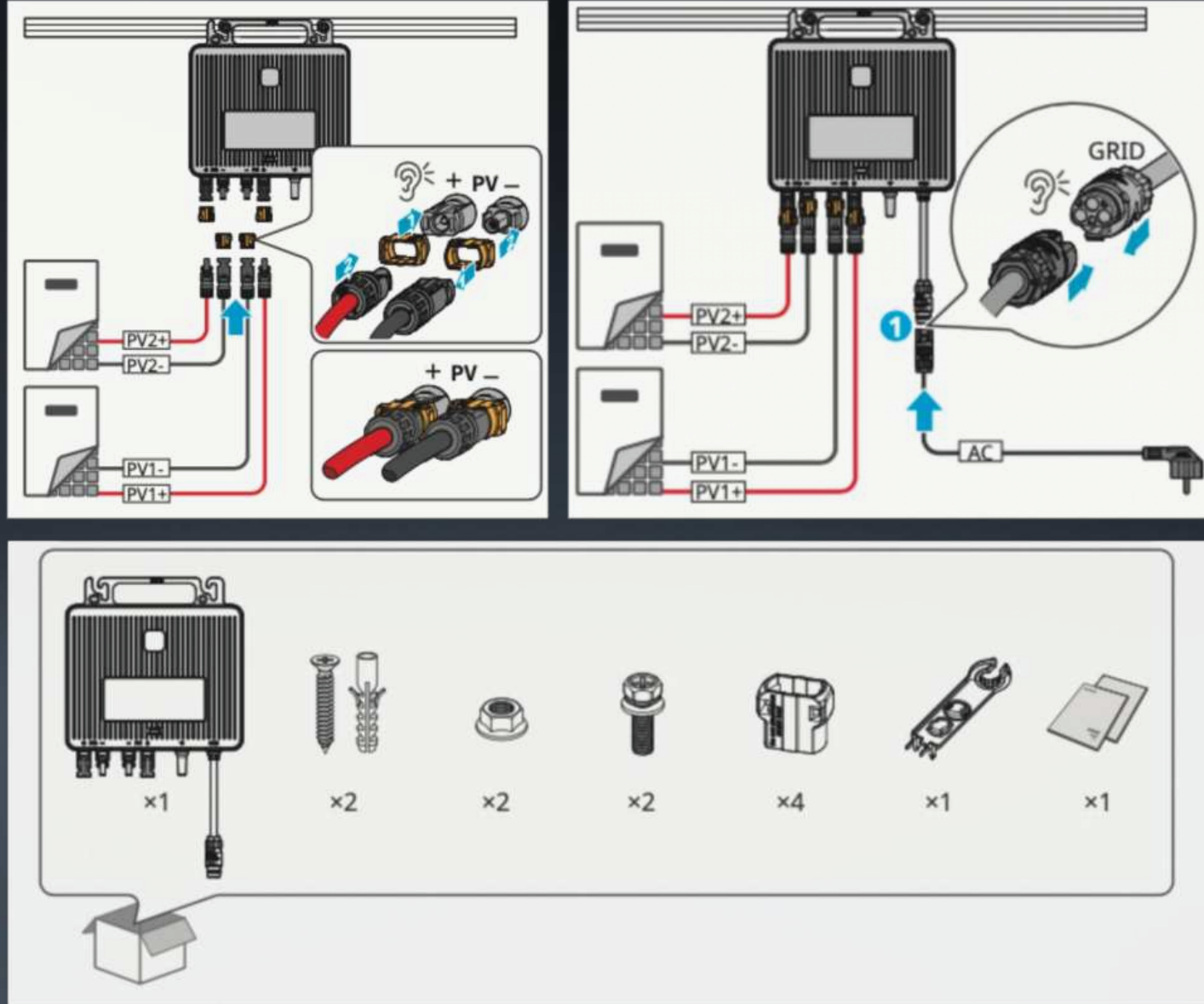


Anti-Backflow Explanation



Upon sudden load variation,
the wireless meter sends real-time data
to the microinverter,
which regulates its output within 3
seconds
to ensure net power import.
Power stabilizes within 30 seconds,
keeping reverse power deviation within -2%.

System installation (Micro Inverter)



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205Wp/485Wp



GoodWe Micro-inverter



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Option 1: strap



Option 2: Bracket



Accessories

Balcony PV System Product Packaging

All-in-one Packaging

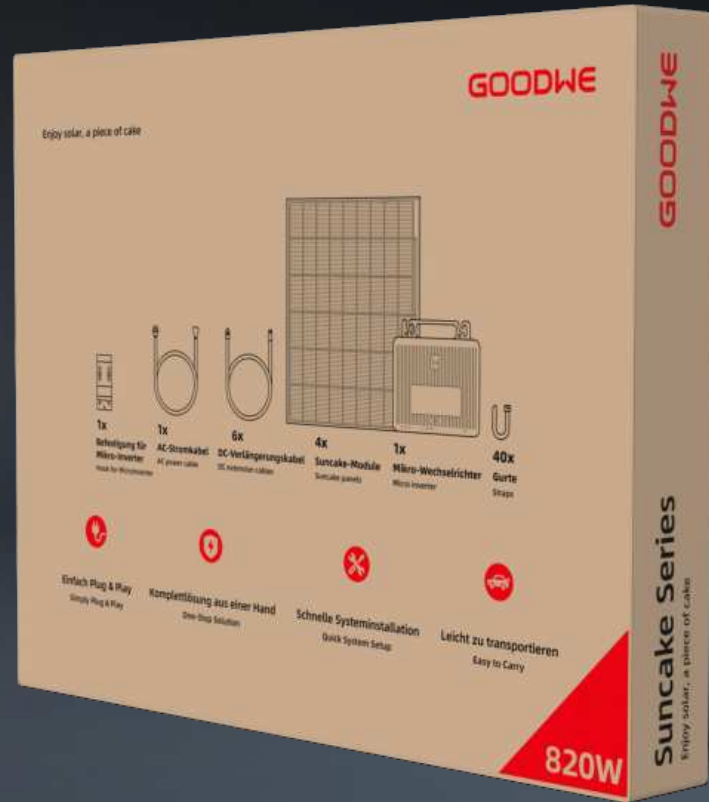


List of accessories (without storage)

System Capacity	Panel unit	Straps	Microinverter	Microinverter Accessory	DC Cable	AC Cable
820W	4 pcs	4sets	800W	1pcs	4 pcs (2m*2,1m*2)	1pcs (5m)

Balcony PV System Product Packaging

All-in-one Packaging



Front



Back

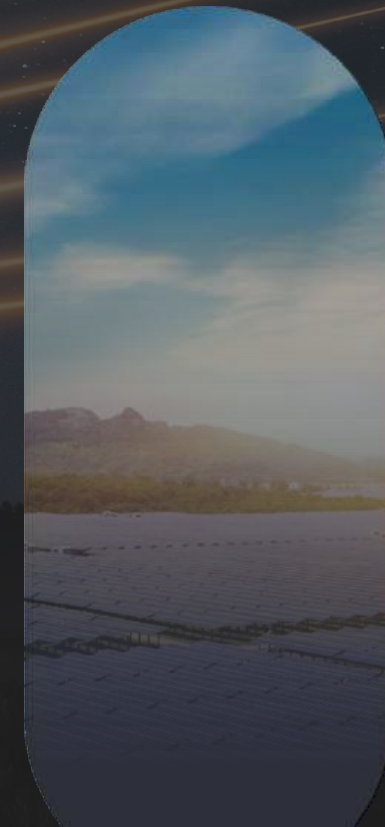


Side



10m,15m cable available if needed

04 | GoodWe Athena
0.8kW|1.92kWh



Versatile Applications







GOODWE
1500W
output



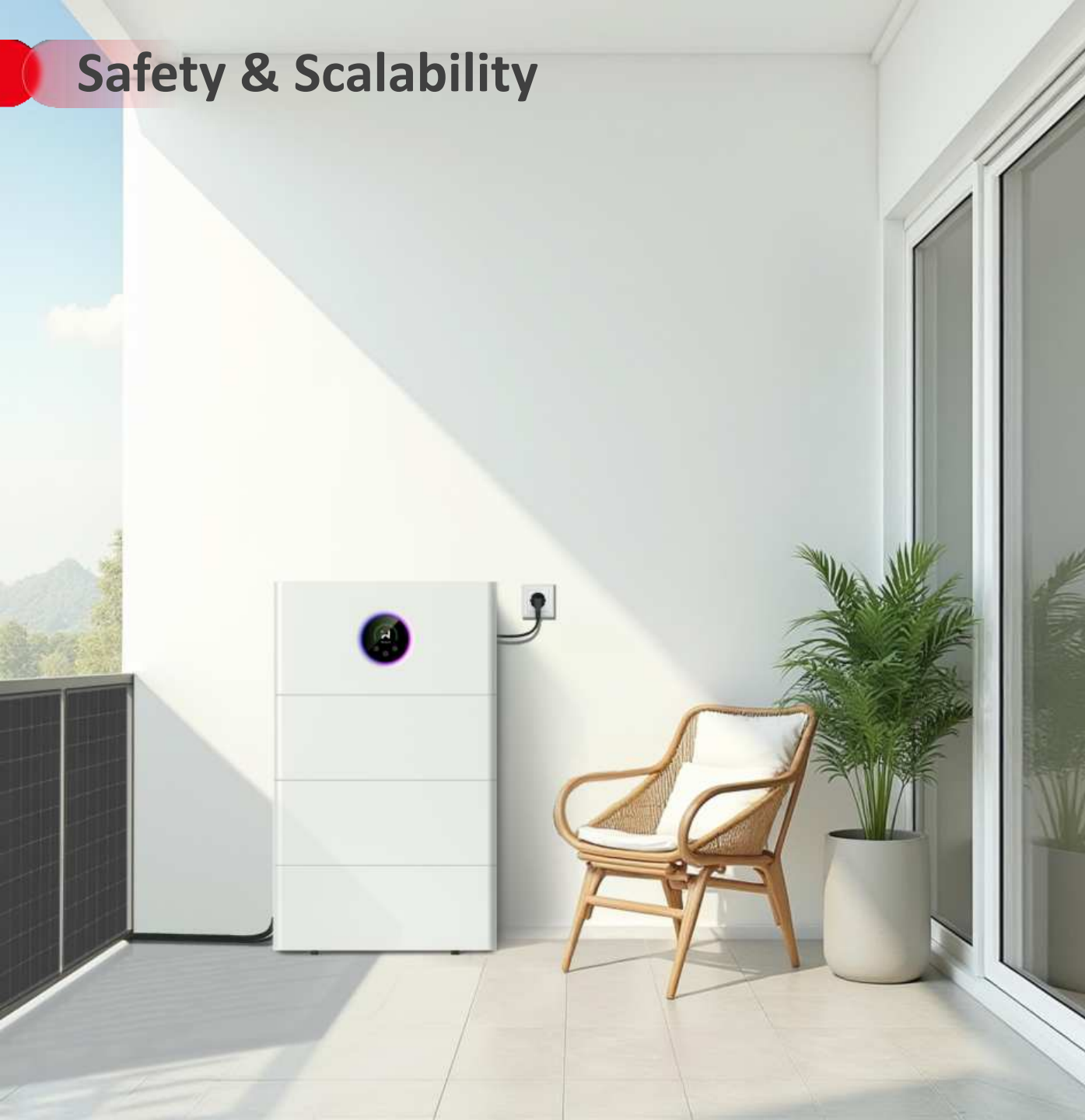
PV Input Power	2400W
String/MPPT Quantity	4/4
Grid-tied Output Power	800W
Charging Power	1500W
Off-grid Output Power	1500W
Battery Capacity	1.92KWH
Battery Capacity Expansion	Up to 4 battery packs can be stacked, expanding to 9.6 kWh.
Dimension	480*260*249mm
Operating Temperature	-20~55°C
Communication Method	WiFi, Bluetooth
Warranty	10 Years

Product Highlights

- Plug-in system, DIY.
- True all-in-one design.
- Four independent MPPTs supporting up to 2400W of PV input (MPPT range: 13V–55V).
- 1500W charging capacity (DC and AC) for fast charging.
- 1500W off-grid output capability for daily backup or outdoor activities.
- Supports hybrid charging (PV + AC), with up to 2400W combined charging power when using additional battery packs.
- Compatible with European meter brand Shelly for self-consumption.
- Integrated negative pricing function, compatible with our company's dynamic pricing gateways.
- Home-appliance-style integrated design delivers a unified look and enhanced aesthetics.
- Intuitive user interface ensures simple and straightforward operation.
- Quick, hassle-free setup in just minutes, without professional assistance.
- Suitable for balconies, gardens, rooftops, or wall-mounted applications.
- User-installable design helps significantly reduce investment costs.



Safety & Scalability



➤ Safe Operation in Extreme Temperatures

Operates reliably across a wide temperature range from $-20\text{ }^{\circ}\text{C}$ to $55\text{ }^{\circ}\text{C}$, with a battery module featuring a self-heating function for stable operation in low temperatures.

➤ All-Weather Protection & Long Service Life

High protection rating (IP65) ensures suitability for both outdoor and indoor installation, capable of withstanding wind and rain. Offers high reliability with a 10-year warranty, a 15-year design life, and a battery cycle life of 6000 cycles.

➤ Worry-Free Expansion & Flexible Battery Management

All-in-one system with a 1.92 kWh capacity, expandable up to 9.6 kWh by stacking additional battery packs. Equipped with a pack-level DC/DC regulation circuit, enabling flexible battery management, supporting the mix of new and aged battery packs, reducing imbalance, and simplifying maintenance.



Overall stock appearance

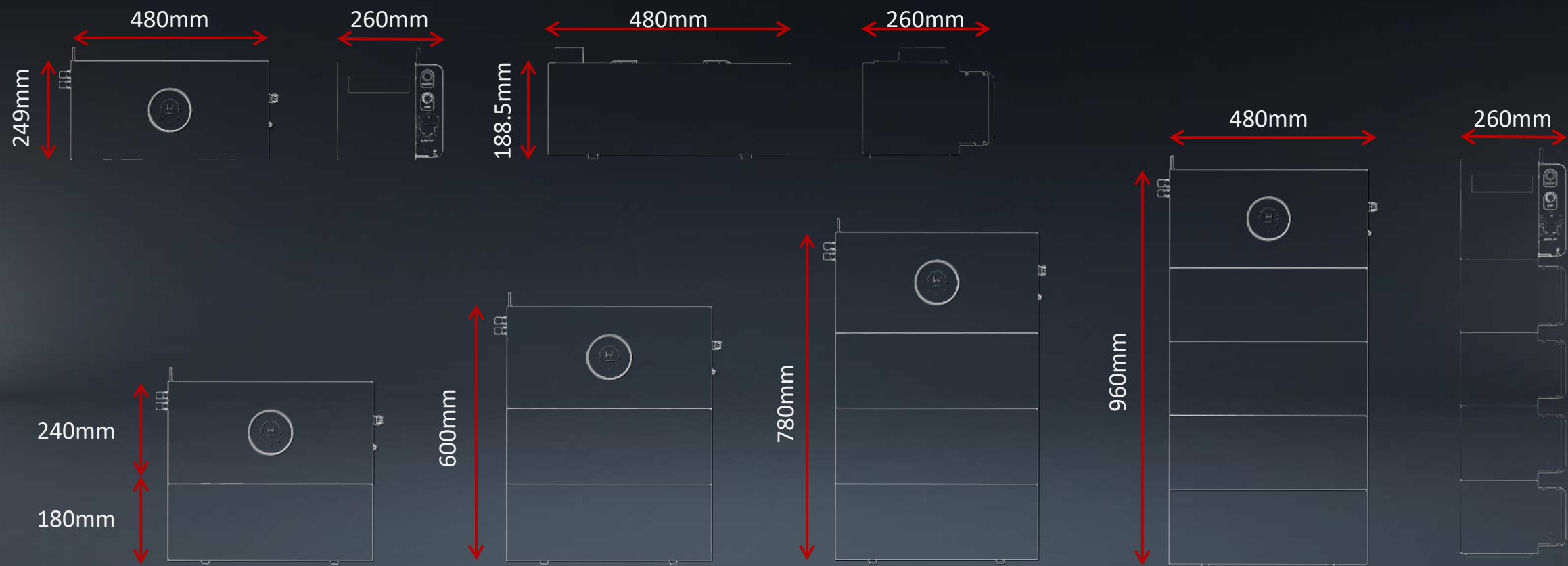


Extension pack



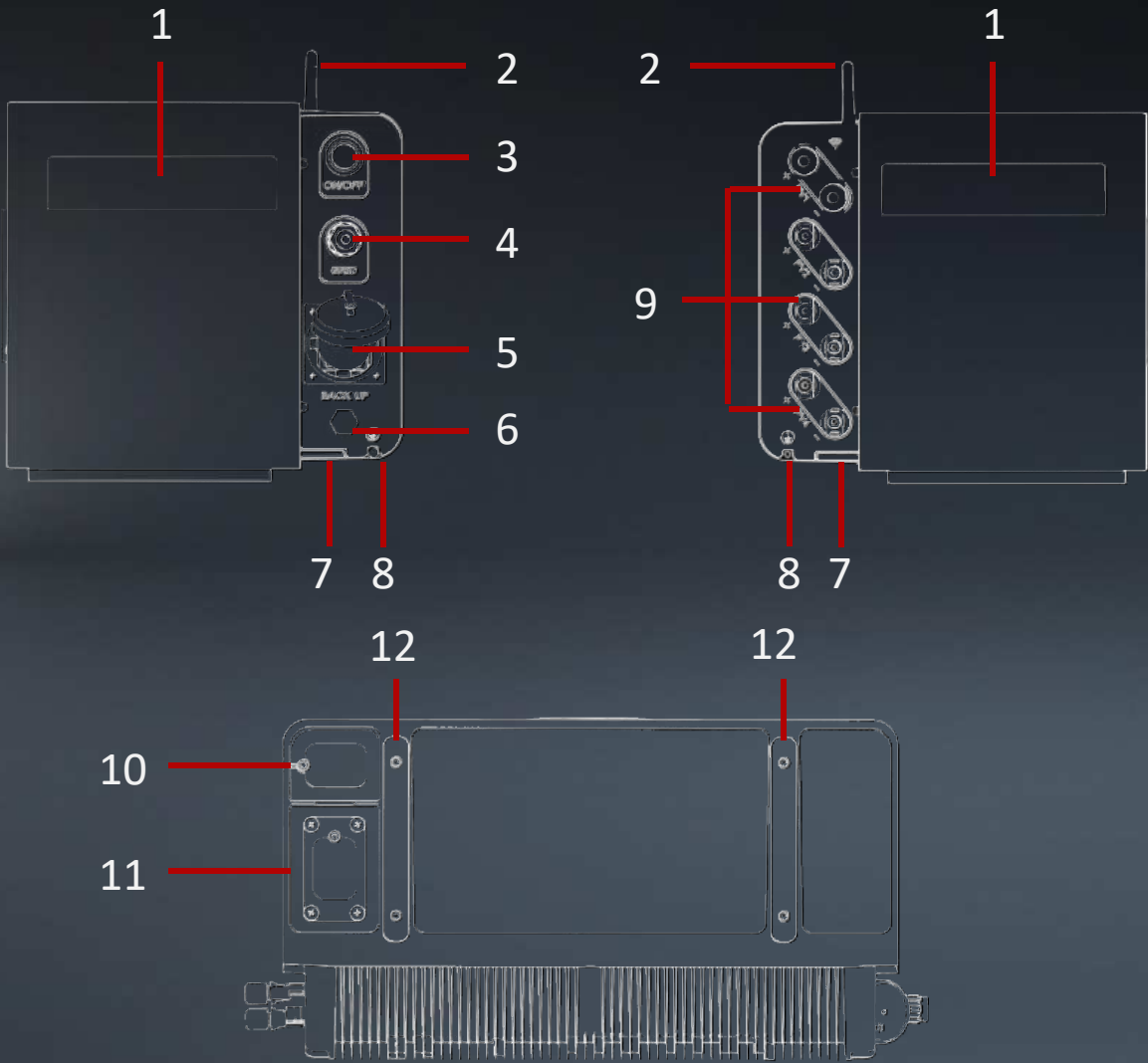
Main battery pack

System Dimensions and Weight



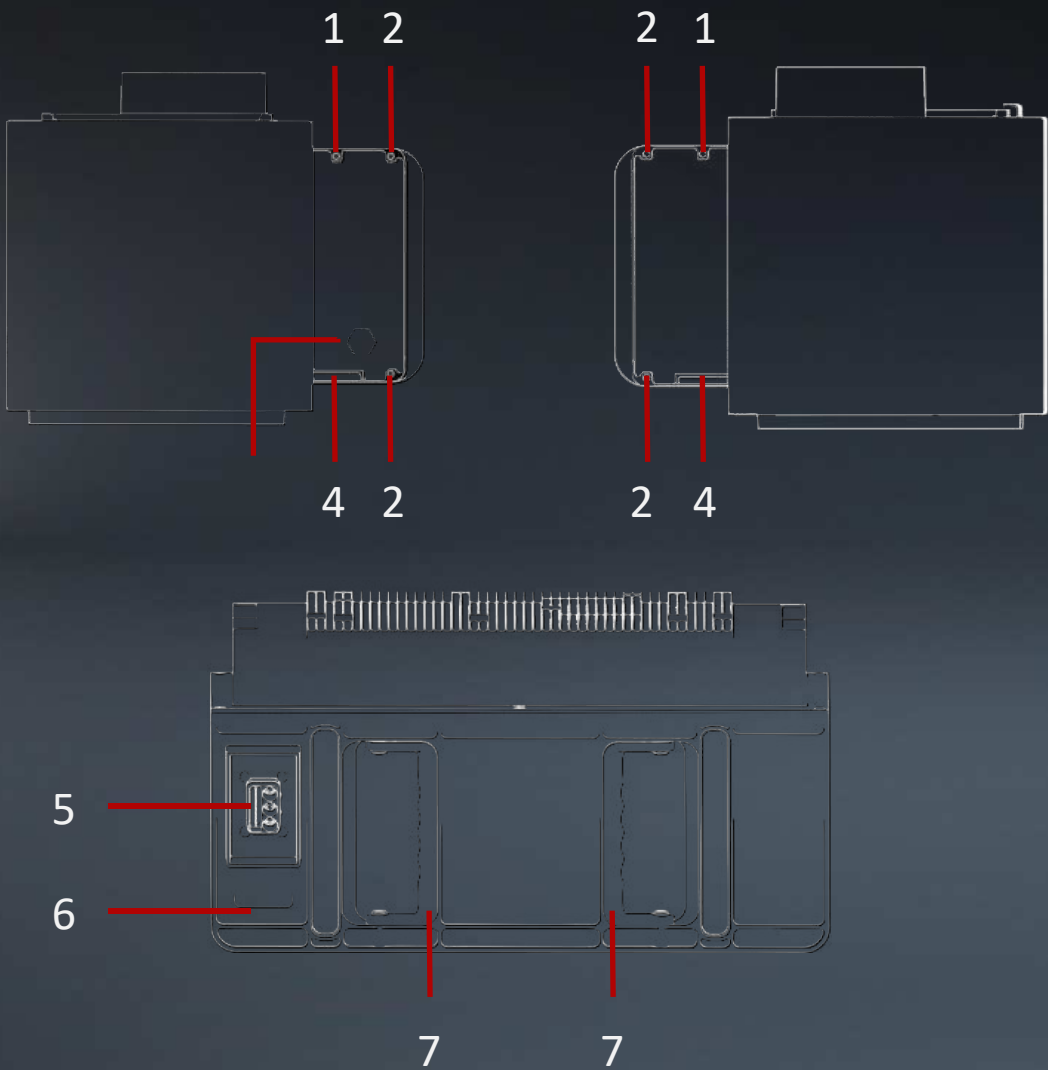
Model	GW0.8/1.9-ESA-PS-G10	GW0.8/3.8-ESA-PS-G10	GW0.8/5.7-ESA-PS-G10	GW0.8/7.6-ESA-PS-G10	GW0.8/9.6-ESA-PS-G10
Total Rated Energy	1.92kWh	3.84kWh	5.76kWh	7.68kWh	9.6kWh
Total Weight	26kg	47kg	68kg	89kg	110kg
Total Dimensions (WxHxD) mm	480*249*260	480*429*260	480*609*260	480*789*260	480*969*260

Product Details (Main battery pack)



No.	Component / Silkscreen Label	Description
1	Carrying Handle	Used for carrying the device.
2	Antenna	Used for wireless communication; currently supports Wi-Fi and Bluetooth.
3	ON/OFF Switch	Controls device startup and shutdown.
4	Grid Port	Connects to the AC cable for grid connection.
5	Backup Port	Connects to the AC cable to supply power to critical loads.
6	Vent Valve	
7	Series Bracket Mounting Hole	Used to install the series bracket, securing the main unit and expansion battery.
8	Protective Ground Terminal	Reserved terminal for connecting a protective ground wire.
9	PV Input Terminal	Connects to the DC input cables from PV modules.
10	Battery Port Cover Holder	·Holds the protective cover for the battery connection port. ·When in use, install the cover on the holder; when not in use, install it on the blind-mate port.
11	Battery Blind-Mate Port	Connects the residential all-in-one system to the expansion battery.
12	Foot Pad	

Product Details (Extension pack)



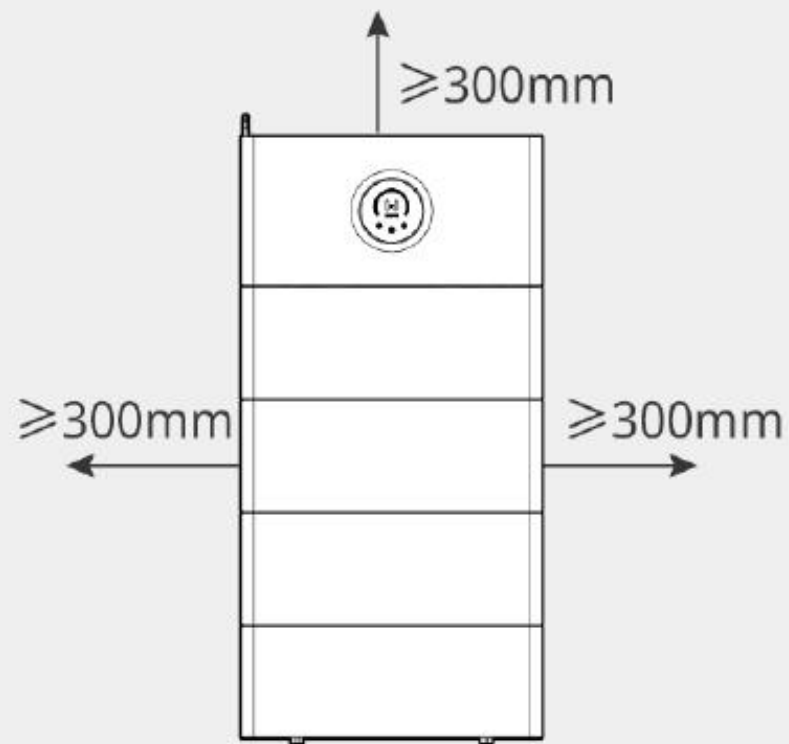
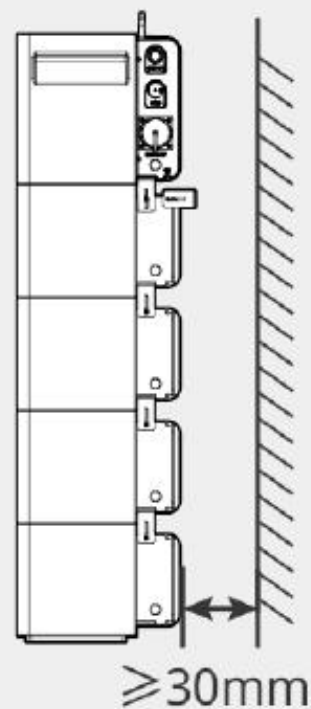
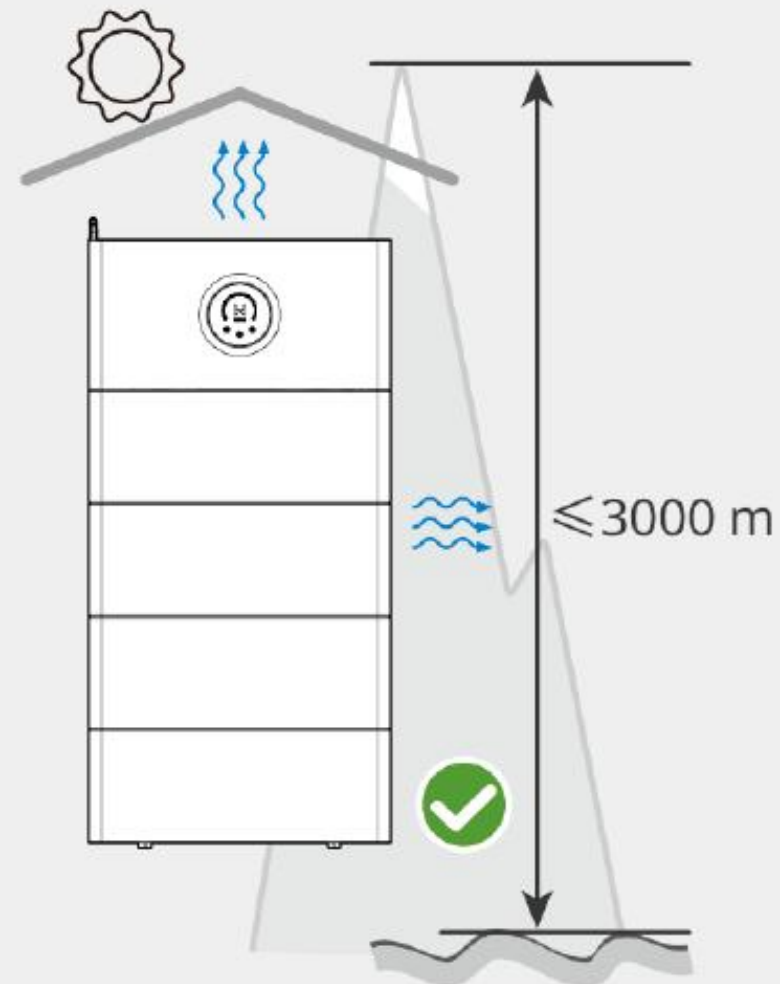
No.	Component / Silkscreen Label	Description
1	Series Bracket Fixing Hole	Used to install the series bracket to secure the main unit and expansion battery, or to connect battery-to-battery.
2	Anti-Tipping Bracket Fixing Hole	Used to install the anti-tipping bracket.
3	Vent Valve	
4	Series Bracket Mounting Hole	Used to install the series bracket to secure the main unit and expansion battery, or to connect battery-to-battery.
5	Upper Battery Blind-Mate Port	Connection port between the main unit and battery, or between batteries.
6	Battery Port Protective Cover	Installed on the upper blind-mate port when the battery is not in use.
7	Carrying Handle	Used for carrying the device.
8	Lower Battery Blind-Mate Port	·Connection port between batteries. ·A terminal resistor must be installed on the bottom battery's lower port when stacking.
9	Foot Pad	



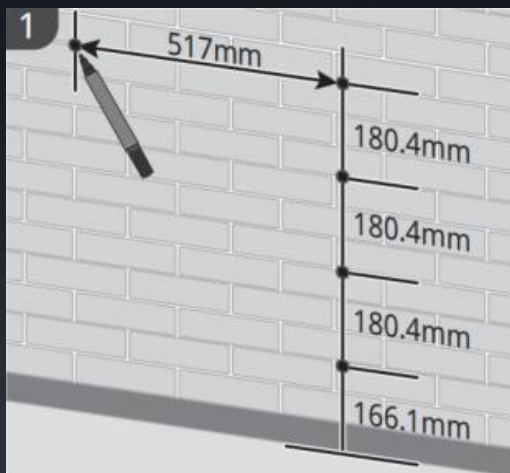
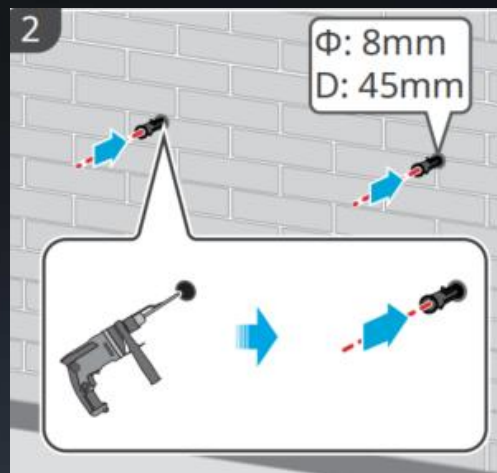
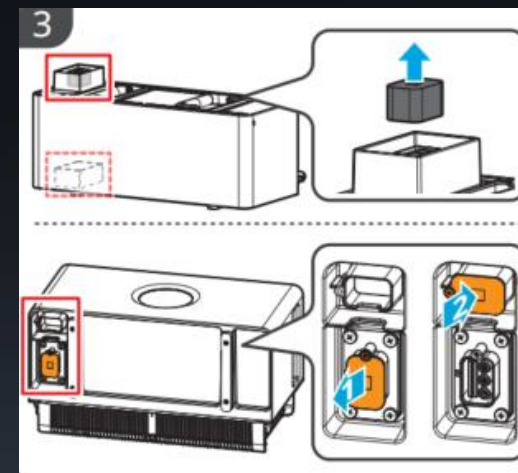
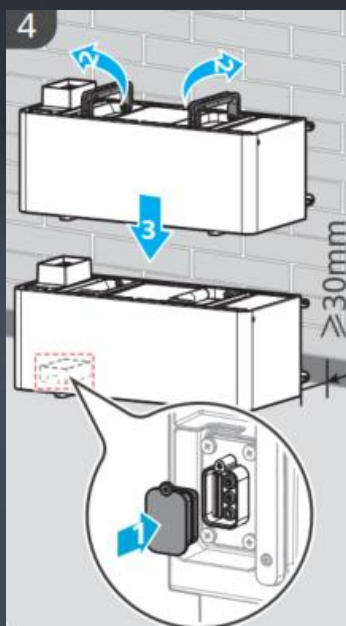
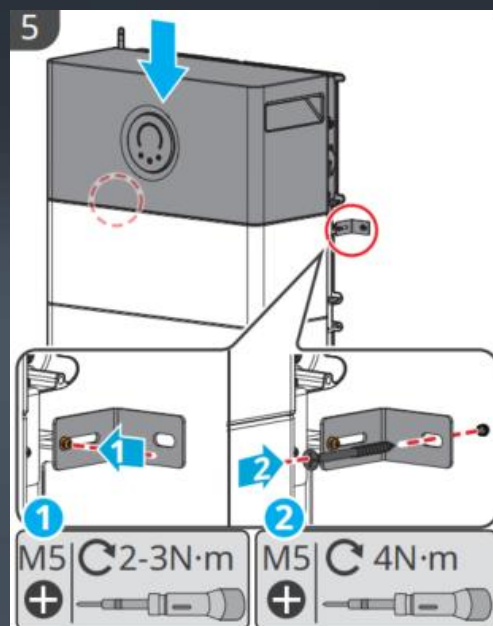
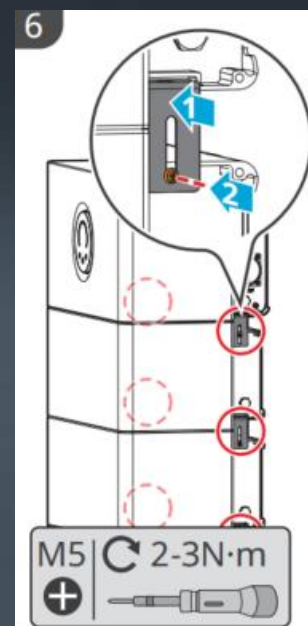
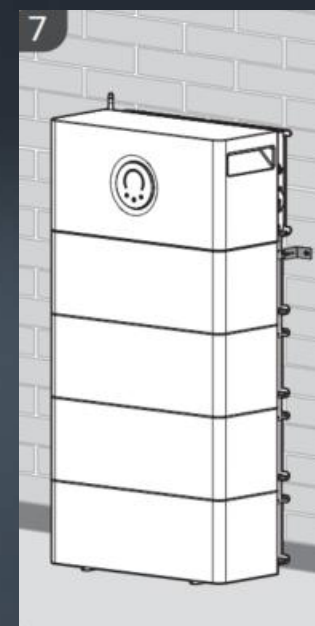
-20°C-55°C

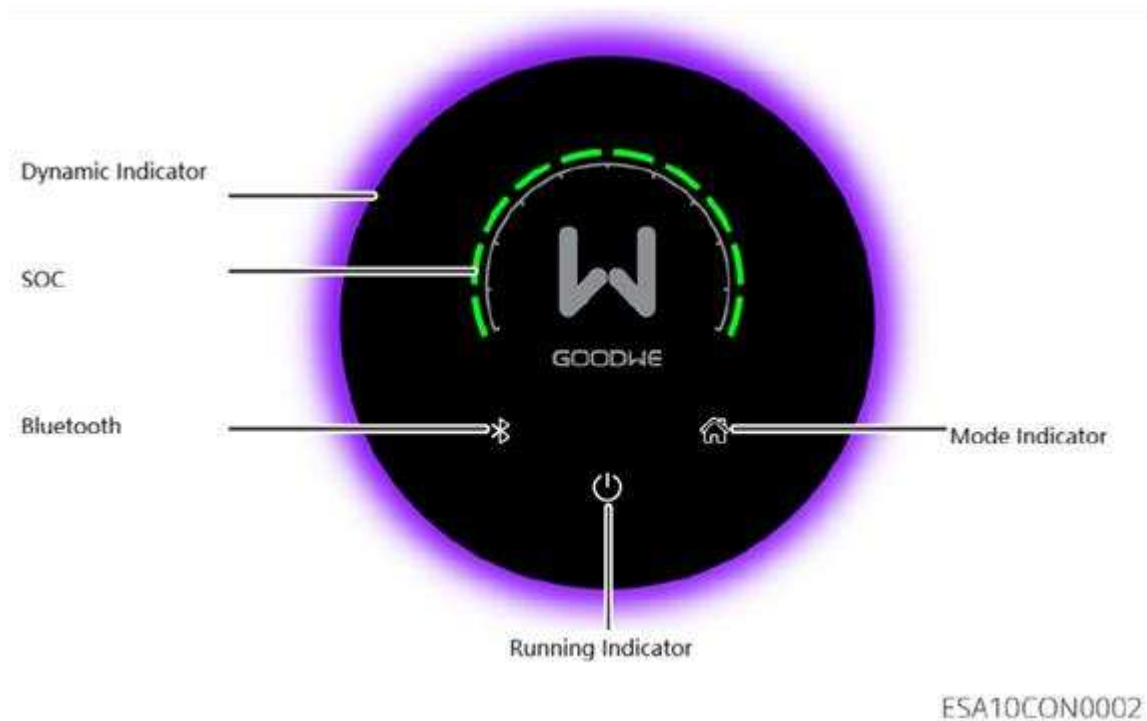


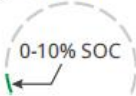
0%-95%RH



Installation





Indicator	Indicator Status	Dynamic Indicator Status	Description
	Blinking white	Flowing blue-purple	The system is preparing.
	Steady white	Breathing blue-purple	The system is working normally.
	Off	Blinking red	System fault
	Off	Off	System power off.
 2] [4]	Steady white		The system is in balcony mode.
	Off		The system is in outdoor mode.
 3] [4]	Steady white		Bluetooth broadcasting is on.
	Off		Bluetooth broadcasting is off.
	Steady green	/	<ul style="list-style-type: none"> Battery charging. Segmented lighting, each segment = 10% SOC. 
	Blinking green		<ul style="list-style-type: none"> Battery discharging. Segmented lighting, each segment = 10% SOC. 
	Off		The battery has no power or system powered off.



Indicator	Indicator Status	Dynamic Indicator Status	Description
	Blinking white	Flowing blue-purple	The system is preparing.
	Steady white	Breathing blue-purple	The system is working normally.
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	Off	Off	System power off.
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	Steady white		The system is in balcony mode.
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	Steady white		Bluetooth broadcasting is on.
	Off		Bluetooth broadcasting is off.
	Steady green		<ul style="list-style-type: none"> Battery charging. Segmented lighting, each segment = 10% SOC.
	Blinking green		<ul style="list-style-type: none"> Battery discharging. Segmented lighting, each segment = 10% SOC.
	Off		The battery has no power or system powered off.
	Off		The battery has no power or system powered off.

【1】 The duration for which the dynamic indicator light is on can be adjusted according to actual requirements, through [SEMS+ App](#) adjustment.

【2】 Hold the indicator for 1-2s to switch system operation mode.

【3】 Hold the indicator for 1-2s to turn on Bluetooth broadcasting. To reset Bluetooth/WiFi configurations, repeat this action (hold for 1-2s, release) three times within 10s.

【4】 The touch function unlocks when holding + for 3s and auto-locks after 30s.

11.1.1 How to Take An All-In-One Energy Storage System Outdoors for Use

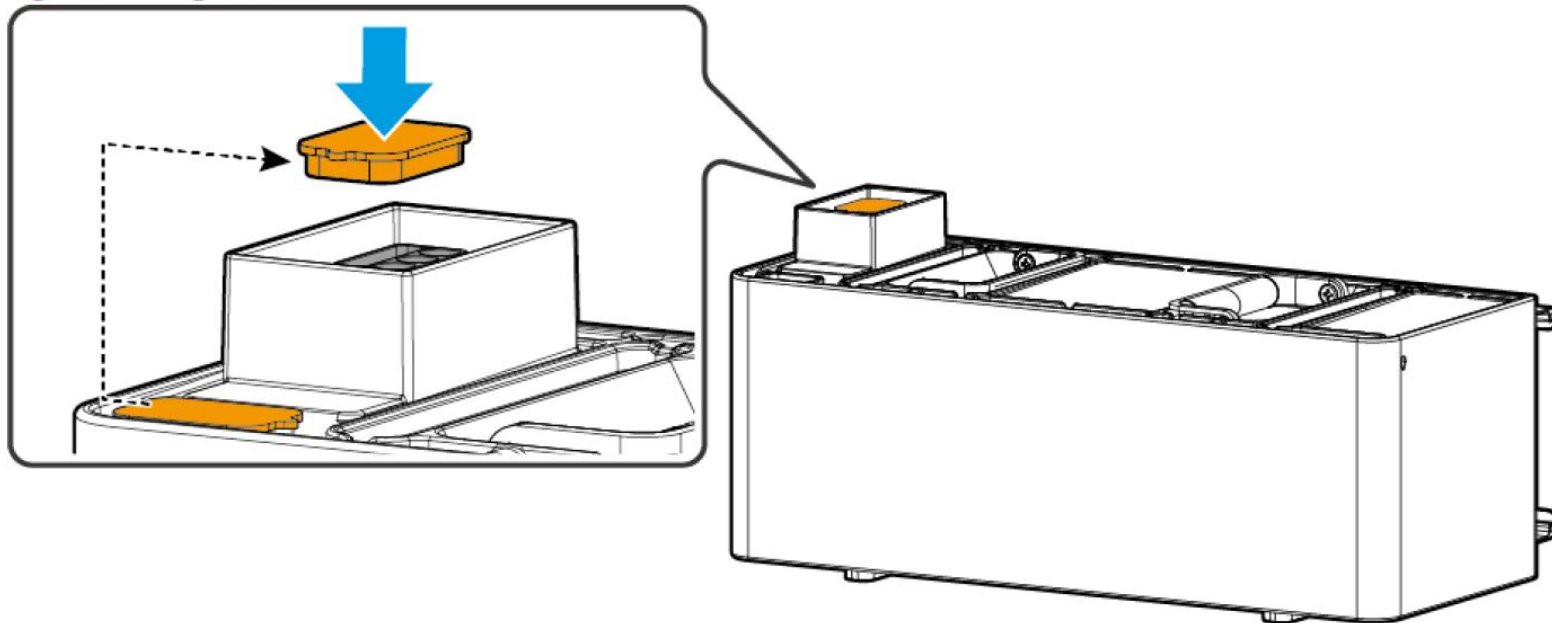
Step 1: Press the ON/OFF button to shut down the device.

Step 2: Remove the connections of the equipment, including the BACKUP cables, GRID cables, and PV cables.

Step 3: If there is a battery, the series string support between the all-in-one system and the battery needs to be removed.

Step 4: Install the battery connection port protection cover onto the battery connection blind mate port of the all-in-one system, and install the battery port protection cover onto the blind mate port of the battery. As illustrated below

Step 5: After arriving outdoors, press the ON/OFF button to turn on the device, and click the scene switch button to change to the outdoor scene. At this point, the scene lights will go out.



11.4 Battery SN Code Meaning

Bits 11- 14 of the product SN code are the production time code.

The the above picture has a production date of 2023-08-08.

- The 11th、 12th are the last two digits of the year of production, e.g., 2023 is represented by 23;
- The 13th digit is the month of production, e.g. August is denoted by 8;
The details are as follows:

Month	January~September	October	November	December
Month code	1~9	A	B	C

- The 14th digit is the date of manufacture, e.g., 8th indicated by 8;
Priority is given to the use of numbers, e.g., 1~9 for days 1~9, A for day 10 and so on. Among them, the letters I and O are not used to avoid confusion. As follows:

Production Date	1 st	2 nd	3 nd	4 th	5 th	6 th	7 th	8 th	9 th
Code	1	2	3	4	5	6	7	8	9

Production Date	10 th	11 th	12 th	13 th	14 th	15 th	16 th	17 th	18 th	19 th	20 th
Code	A	B	C	D	E	F	G	H	J	K	L

Production Date	21 st	22 nd	23 nd	24 th	25 th	26 th	27 th	28 th	29 th	30 th	31 st
-----------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------

Code	M	N	P	Q	R	S	T	U	V	W	X
------	---	---	---	---	---	---	---	---	---	---	---

Micro-storage energy supply potential

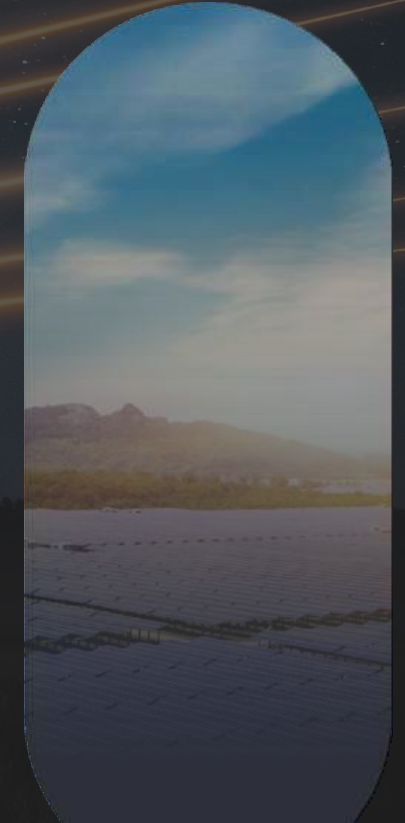
Selected Appliances and Their Estimated Run Time from Full Charge

Appliance	Min Power (W)	Max Power (W)	Off-Grid Time (1 Unit)
Laptop Computer	50W	100W	39.2 hours
Home Internet Router	5W	15W	392 hours
Refrigerator	100W	220W	19.6 hours
WiFi Router	4W	10W	490 hours
LED Light Bulb	7W	10W	280 hours
Phone Charger	4W	7W	490 hours
Microwave	600W	1700W	3.27 hours
Washing Machine	500W	500W	3.92 hours

Notes

- Off-Grid Time is calculated based on 1.96 kWh battery capacity and 1500W max output power.
- Suitable for power supply: lighting, routers, laptops, small refrigerators and other low-power devices
- Not recommended to use: High-power heating appliances (hot water boilers, electric heaters, air conditioners in high-power mode)
- System advantages: Long-lasting standby + Environmentally friendly backup power supply

05 | GoodWe Athena S3 0.8kW/3kW | 3kWh



Product Picture & Functions

GOODWE

- Stackable to 15KWh each cluster
- Off-grid output 3KW(3.6KW bypass) each unit
- 4 MPPTs with 4800W PV input
- Support Dynamic Electricity Pricing (Cloud EMS)
- Super quiet <20dB



Overall stock appearance



Product Basics(Inverter of Micro Storage)

GOODWE

Technical Data

GW3K-EMA-G10

Battery Side

Battery Type	LFP (LiFePO ₄)
Nominal Voltage (V)	54
Voltage Range (V)	52 ~ 56
Max. Continuous Charging Current (A)	63
Max. Continuous Discharging Current (A)	64
Max. Charging Power (kW)	3.4
Max. Discharging Power (kW)	3.2

PV Side

Max. Input Power (kW)	4.8
Max. Input Voltage (V)	60
MPPT Operating Voltage Range (V) ¹	13 ~ 48
Start-up Voltage (V)	15
Nominal Input Voltage (V)	40
Max. MPPT Current (A)	36 / 36 / 36 / 36
Max. MPPT Short Circuit Current (A)	40 / 40 / 40 / 40
Number of MPPTs	4
Number of Strings per MPPT	1

AC Side (On-Grid)

Rated Power (kW)	0.8 ² / 3
Max. Power (kW)	3
Rated Apparent Power from Grid (kVA)	3.6
Rated Apparent Power to Grid (kVA)	3
Max. Apparent Power from Grid (kVA)	3.6
Max. Apparent Power to Grid (kVA)	3
Nominal Voltage (V)	220 / 230 / 240, L / N / PE
Voltage Range (V)	170 ~ 280
Nominal Frequency (Hz)	50 / 60
Frequency Range (Hz)	45 ~ 55 / 55 ~ 65
Rated Current from Grid (A)	16.0@220V; 15.7@230V; 15.0@240V
Rated Current to Grid (A)	13.7@220V; 13.1@230V; 12.5@240V
Max. Current from Grid (A)	16
Max. Current to Grid (A)	15.2
THDi	3%



Product Basics(Inverter of Micro Storage)

GOODWE

Back-up Side

Rated Apparent Power (kVA)	3
Max. Apparent Power (kVA)	Off-grid:3; On-grid:3.6
Nominal Voltage (V)	220 / 230 / 240, L / N / PE
Nominal Frequency (Hz)	50 / 60
Max. Current (A)	Off-grid: 13.7; On-grid: 16.0
THDv (@Linear Load)	3%
On / Off-grid Switching Time (ms)	10

Protection

PV String Current Monitoring	Intergrated
PV Insulation Resistance Detection	Intergrated
Anti-islanding Protection	Intergrated
AC Overcurrent Protection	Intergrated
AC Short Circuit Protection	Intergrated
AC Overvoltage Protection	Intergrated
DC Surge Protection	Type III
AC Surge Protection	Type II
Remote Shutdown	Intergrated

General Data

Operating Temperature Range (°C)	-20 ~ +55
Relative Humidity	0 ~ 100%
Max. Operating Altitude (m)	3000
Cooling Method	Natural Convection
User Interface	LED, WLAN + APP
Communication with BMS	CAN
Communication	RS485, WiFi + LAN + Bluetooth
Communication Protocols	Modbus-RTU
Weight (kg)	15
Dimension (W × H × D mm)	480 × 290 × 170
Noise Emission (dB)	<20
Ingress Protection Rating	IP65
Mounting Method	Floor stacked
Power Factor	0.8 leading ~ 0.8 lagging

Product Basics(Battery Module)

GOODWE

Technical Data		GW3.0-BAT-LVD-G10
Battery Type		LFP (LiFePO ₄)
Rated Capacity (Ah)		314
Rated Energy (kWh)		3
Usable Energy (kWh) ^{*1}		2.75
Nominal Voltage(V) (Battery)		9.6
Voltage Range(V) (Battery)		8.61 ~ 10.83
Operating Voltage Range (V) (single phase system)		52 ~ 56
Max. Input Current (System) (A)		32
Max. Output Current (System) (A)		33
Max. Input Power (System) (kW) ^{*2}		1.7
Max. Output Power (System) (kW) ^{*2}		1.7
Charging Temperature Range (°C)		-20 ~ +55 (with heating film)
Discharging Temperature Range (°C)		-20 ~ +55
Relative Humidity		4 ~ 100%
Max. Operating Altitude (m)		3000
Noise Emission (dB)		<20
Communication		CAN
Weight (kg)		29
Useable Extinguishing Agent		CO ₂ , H ₂ O
Crucial Material		LiFePO ₄ , C, Cu, LiPF ₆ , Al, (C ₆ H ₆) _n
Ingress Protection		IP65
Protective Class		II
Dimensions (W × H × D mm)		480 × 308.6 × 260
Max. Storage time		12 months (-20°C ~ +35°C); 6 months (+35°C ~ +45°C)
Scalability		5
Mounting Method		Floor stacked
Standard and Certification	Safety	IEC62619 / IEC63056
	EMC	EN IEC 61000-1 / EN IEC 61000-2 / EN IEC 61000-3 / EN IEC 61000-4
	Transportation	UN38.3

• Features & Highlights

GOODWE



SILENT | Silent Living, Anywhere

- <20dB whisper-quiet operation
- Fanless high-conductivity thermal design



SMART | Smarter Energy, Lower Bills

- AI-powered dynamic tariff savings
- Hardware-free cloud EMS integration
- 24/7 energy management via SEMS+



SECURE | Safe Beyond Limits, Secure by Design

- <60V DC touch-safe security
- Built-in aerosol for automatic protection
- -20°C Ready with built-in heating
- 10000 Cycles with a 10-Year warranty

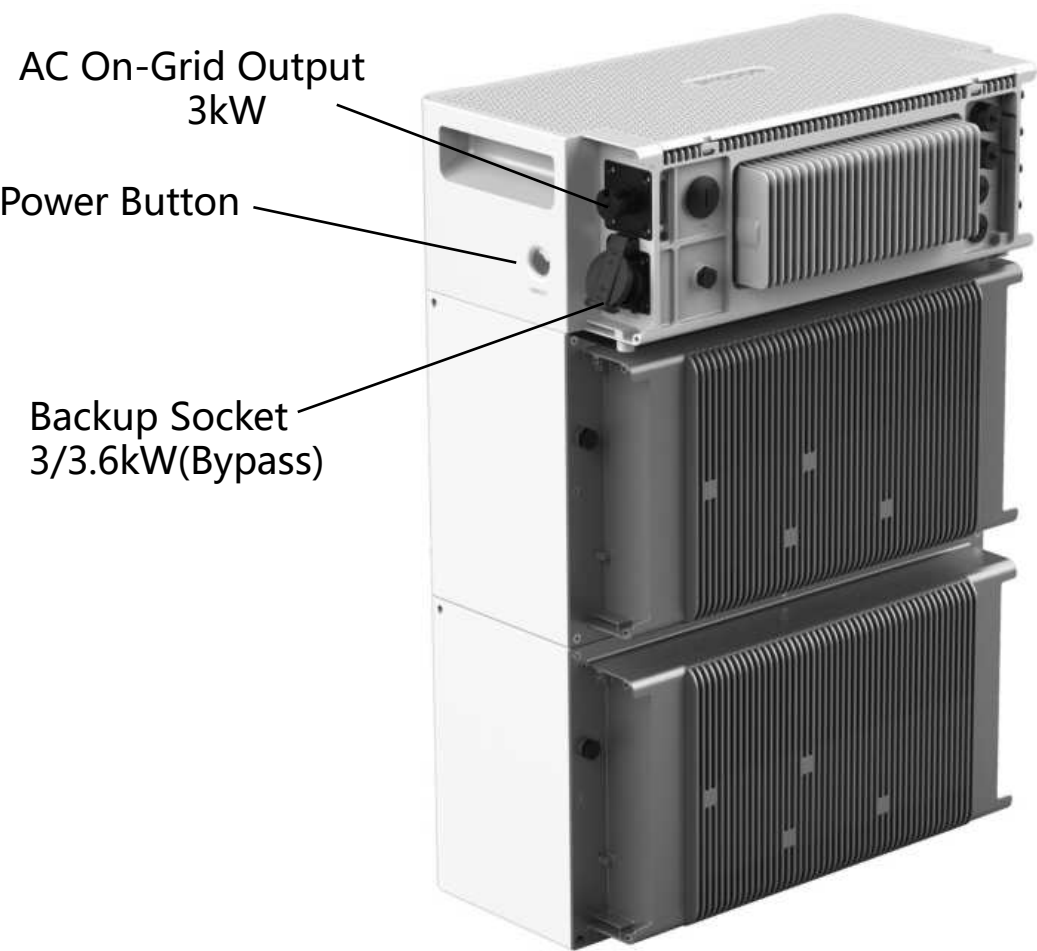
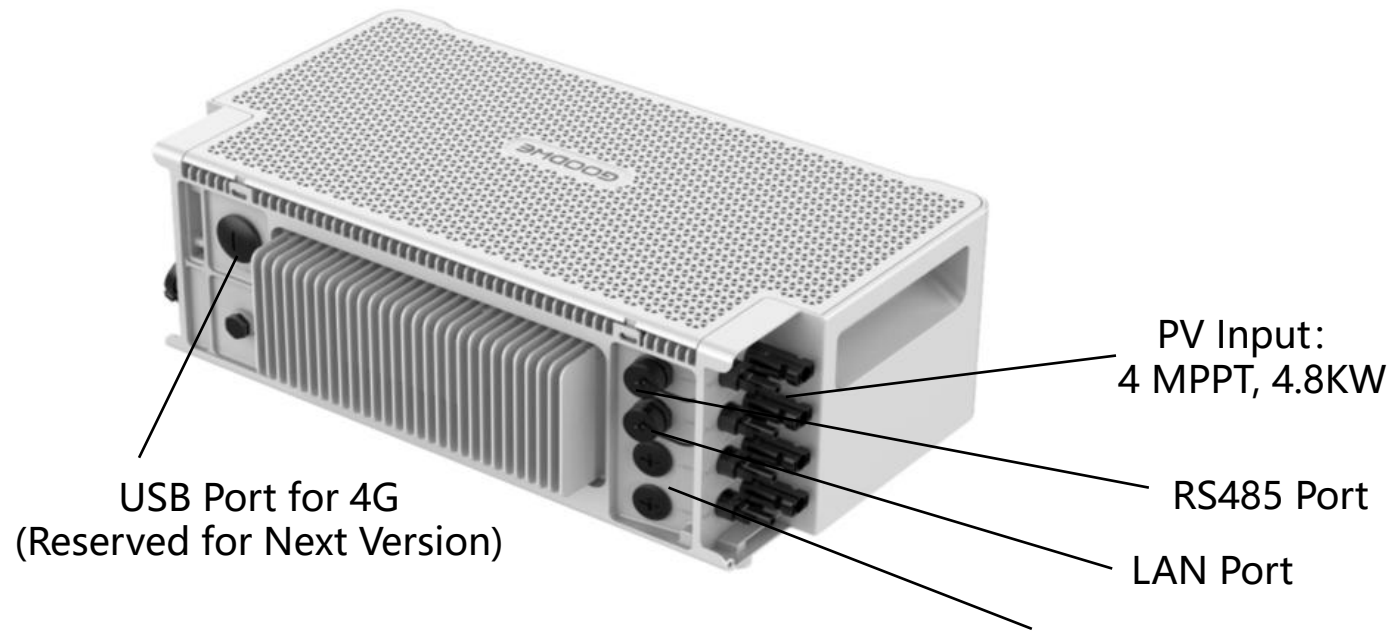


SIMPLE | Simple to Install, Free to Expand

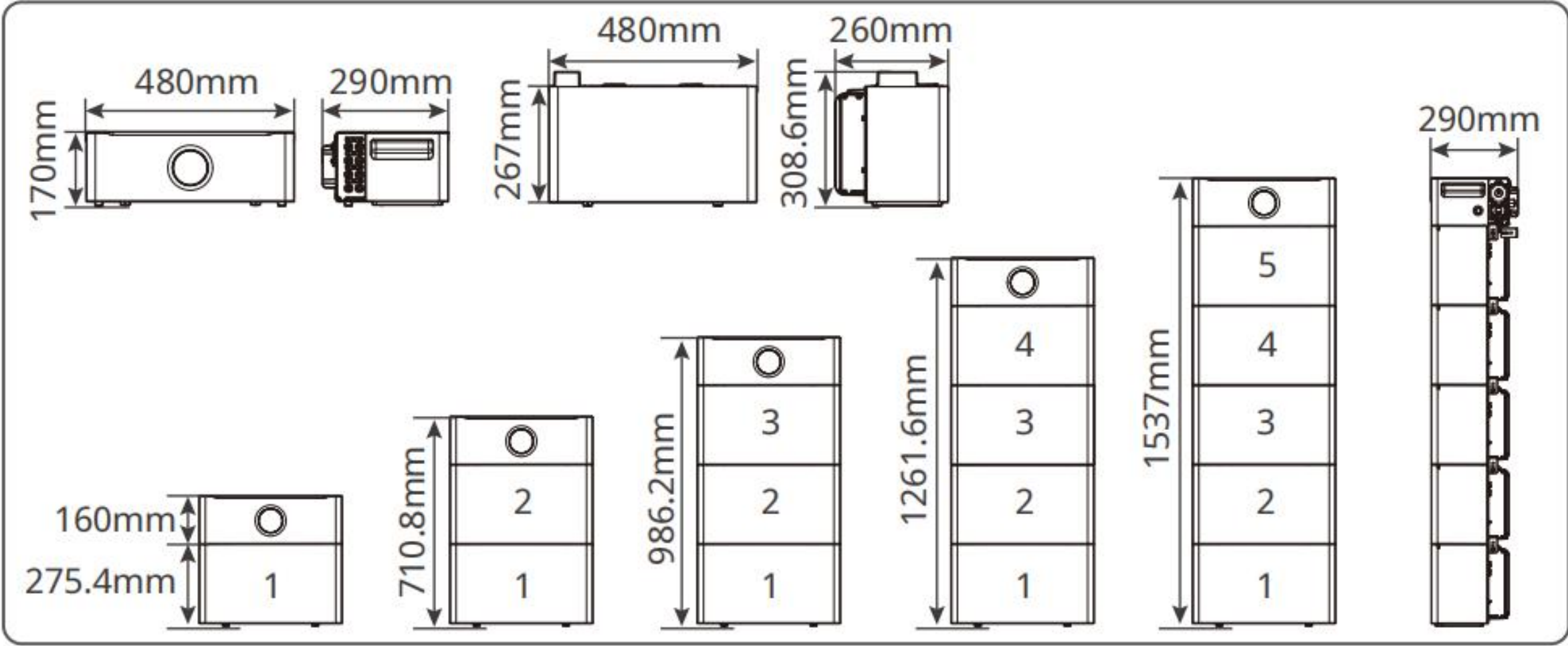
- Dual-mode: hardwired & plug-and-play
- Flexible mixing of old and new batteries
- Modular stacking with blind-mate design
- Wireless 4-unit parallel with zero wiring
- Lightweight battery modules under 29kg

Product Picture & Functions

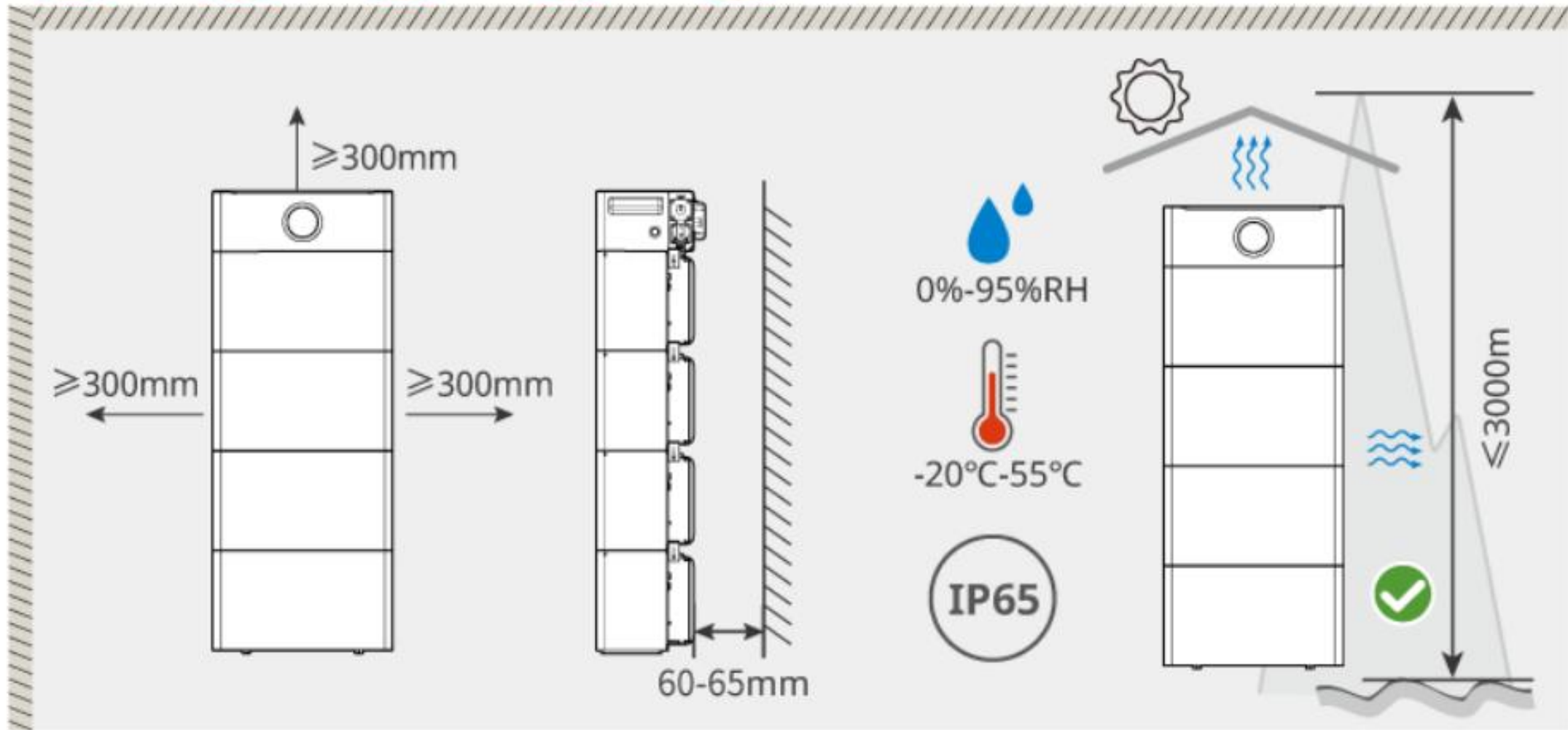
GOODWE







EMA20DSC0003

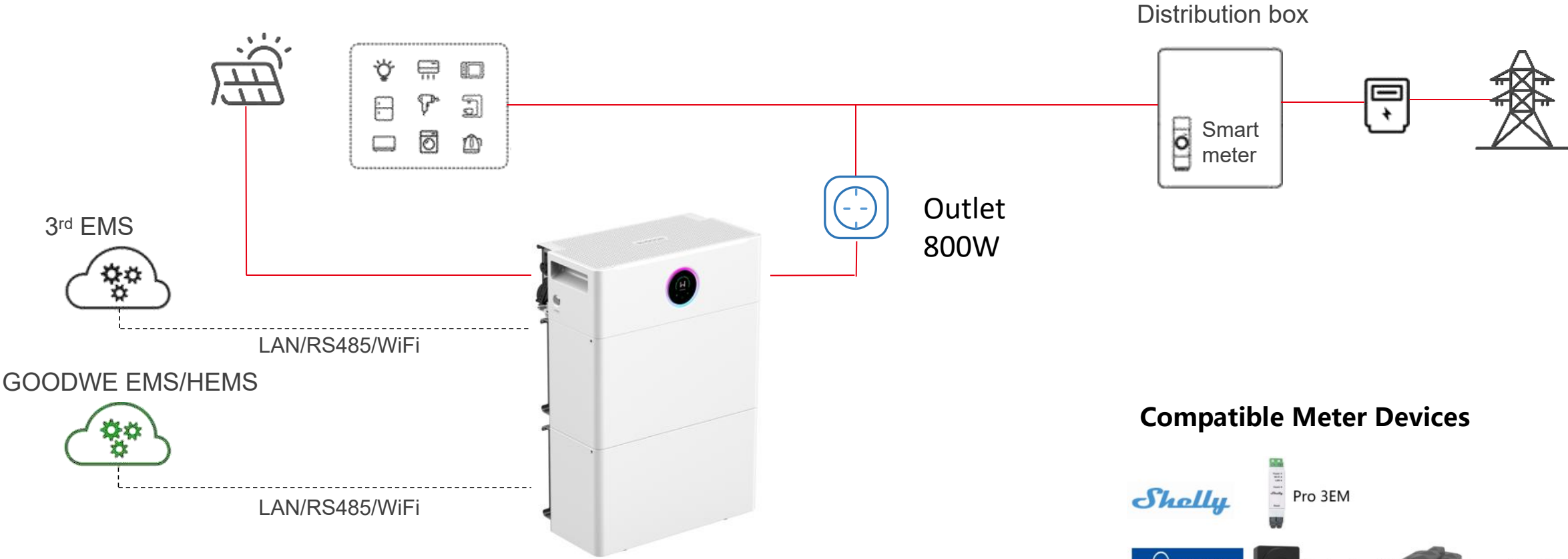




System Diagram

GOODWE

Connect to the grid through an outlet (800W)



Compatible Meter Devices

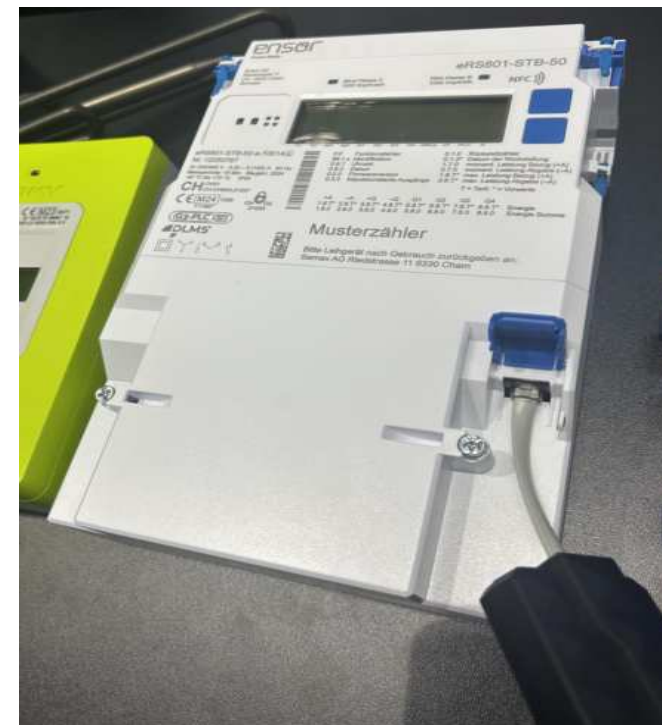




IoT Compatibility



everHome EcoTracker IR



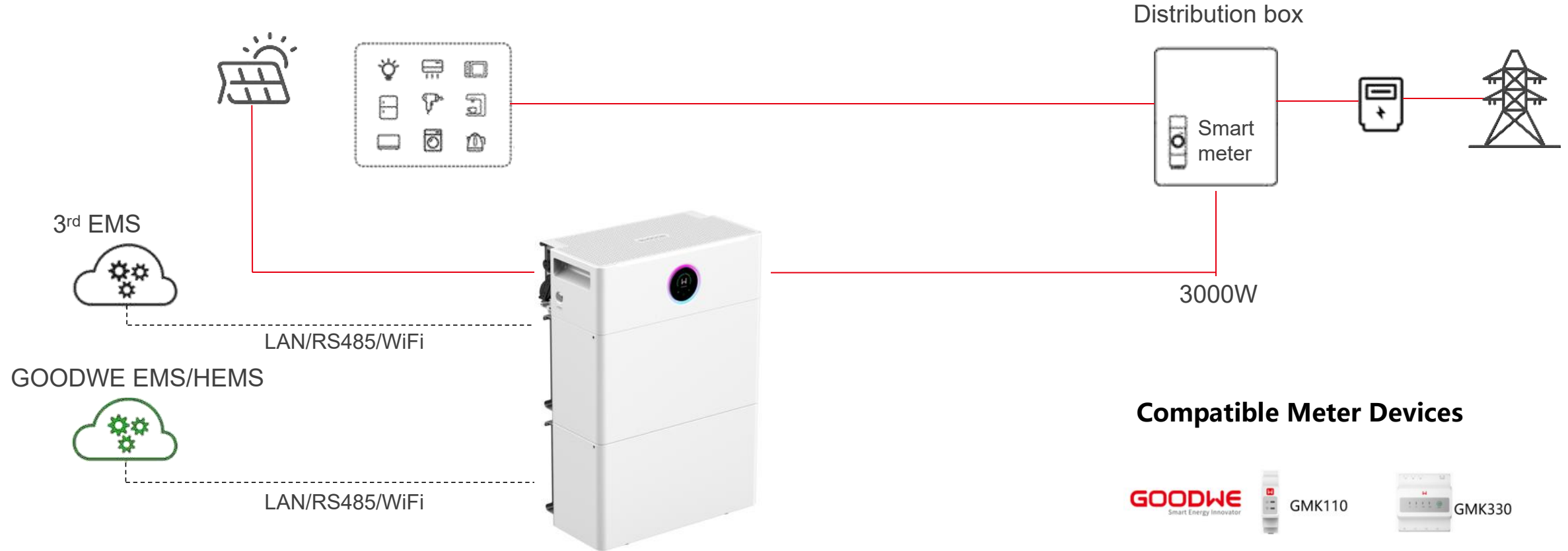
P1 Energy Tracker
(everHome EcoTracker P1
/EASTRON ES- P1)



System Diagram

GOODWE

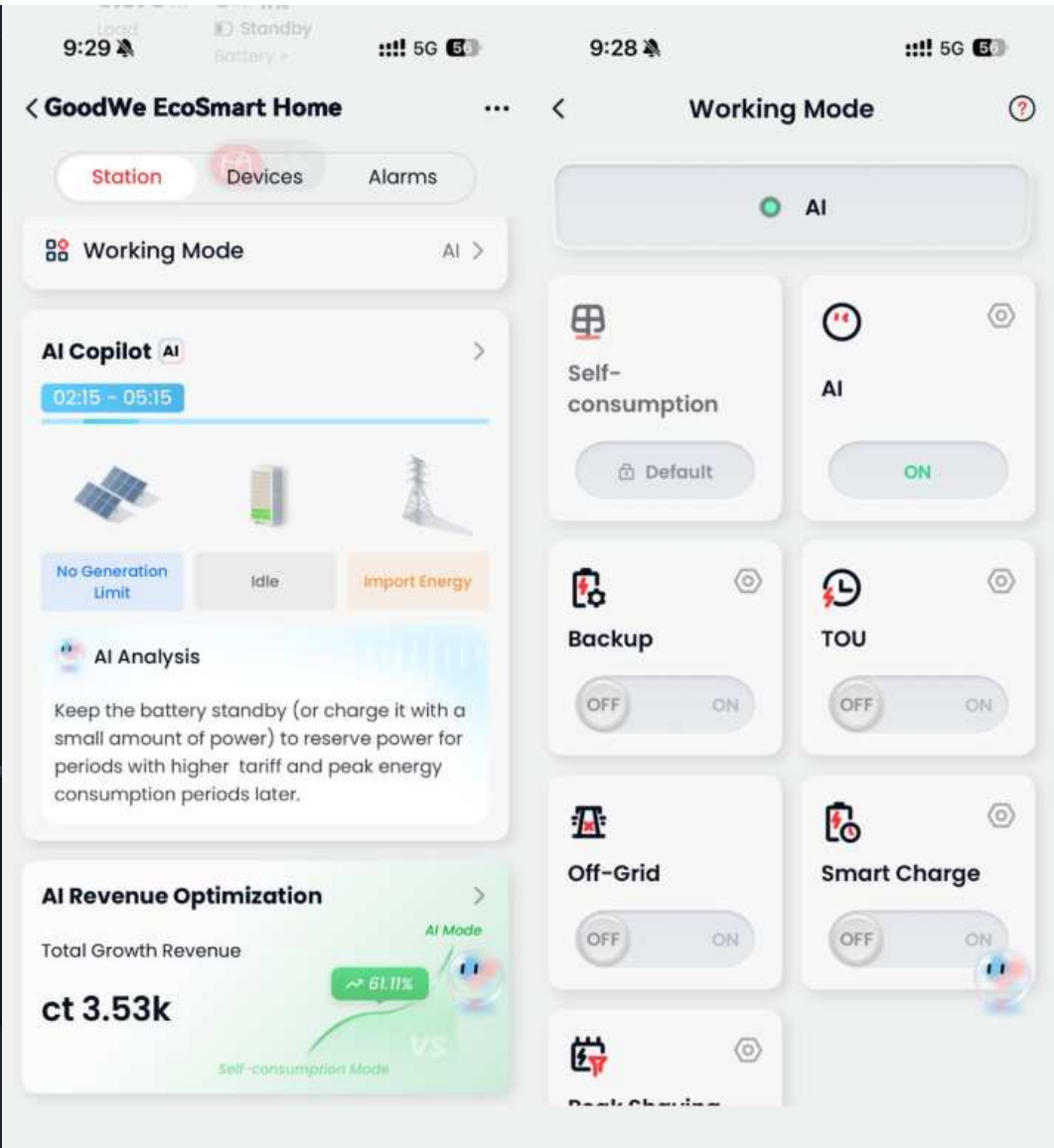
Connect to the grid through DB (3000W)





SEMS+

GOODWE



Certification plan

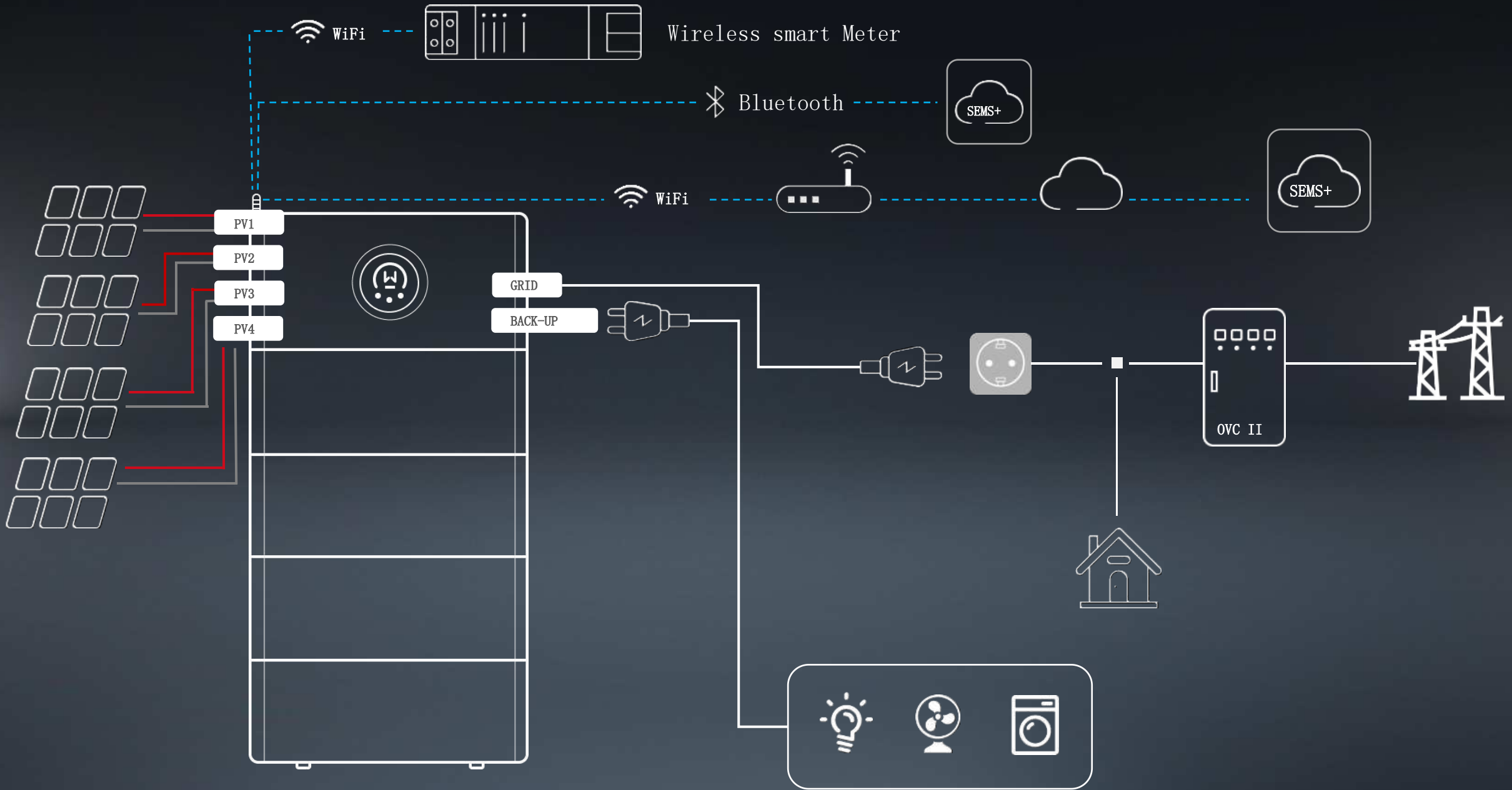


Country		Items	Timeline
Safety regulation		IEC62109-1/-2	2026.6.10
EU Battery New Regulations		EU New Regulations	2025.6.28
Cybersecurity		EN 18031(NB)	2026.6.10
EMC		IEC61000-6-1/2/3/4	2025.6.15
Germany		VDE 4105:2026	2026.06.19
UK		G98	2026.6.19
UK		G100 Zero export declaration; N Ireland declaration	2026.6.30
France/Netherlands		EN50549-1/-10	2026.6.30
Spain		TBD	TBD

06 | Balcony Storage System



System Diagram



Onestop Solution

1. Seamless System Compatibility

- All components are designed to work together
- Optimized communication protocols and electrical matching
- Plug-and-play setup with minimal configuration

2. Simplified Installation

- Standardized interfaces and modular design
- Faster setup process, suitable for both professionals and DIY users

3. Unified After-Sales Support

- One point of contact for all support and warranty issues
- Clear service responsibility, faster response times

4. Consistent Design and User Experience

- Unified product appearance, ideal for residential balconies
- Centralized monitoring and control via a single app or platform

5. Streamlined Procurement and Logistics

- Easier sourcing with fewer suppliers
- Reduced packaging, shipping, and compatibility issues

6. Enhanced Brand Trust and Added Value

- Integrated solution builds confidence in quality and reliability
- Enables extended services, certifications, and premium positioning

Solarize your home in minutes with easy installation for all

By installing an independent PV storage system, households can ease the strain on the public power grid, reduce reliance on traditional fossil fuels, and contribute to solving global environmental issues. As countries move toward carbon peak and carbon neutrality, the system's easy installation and integrated design will drive its widespread adoption. In just a few minutes, anyone can setup a PV system without the need for a professional electrician.



System Comparison

Characteristic dimensions	Balcony PV modules + microinverter system	Balcony PV + micro-storage micro-inverter integrated system
System composition	PV modules, microinverter	PV modules, micro-storage micro-inverter (including energy storage battery)
Core functions	PV power generation, generating electricity immediately or feeding excess power to the grid	Generation + storage, can store the surplus electricity during the day for use at night or during peak hours
Energy utilization	Dependent on sunlight, no electricity without light	Improves self-generation rate, the stored electricity from PVs can be used when there is no light
Installation and complexity	Relatively simple, plug-and-play	Integrated design, installation is also relatively simple, plug and play
Cost investment	Lower, mainly consisting of PV panels and microinverter	Higher, because it includes an energy storage battery
Applicable scenarios	During the peak period of household electricity consumption in the daytime, the price difference between peak and off-peak periods is not significant, the budget is limited, and only for occasions where one wants to make a preliminary attempt at green power generation	Desired for maximizing self-generated power utilization rate, in cases where there is a price peak and valley difference, there is a need for nighttime electricity, or to deal with sudden power outages

Give priority to "balcony photovoltaic modules + micro-inverter system" if:

- The budget is relatively limited and hope to start experimenting with solar power at a lower cost.
- The electricity demand is mainly concentrated during the day. It is hoped that this can directly offset the electricity costs during peak hours.
- Living in a rented apartment, one hopes for simple and flexible installation.

Give priority to the "balcony photovoltaic + micro-storage and micro-inverter integrated system" if:

- Wish to maximize the utilization rate of self-generated electricity and use as much green power as possible.
- The price difference between peak and off-peak periods is significant, and hope to achieve electricity cost savings through energy storage.
- Have a high demand for nighttime electricity or a backup power source is preferred to deal with unexpected power outages.

Questions

GoodWe Solar Community

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