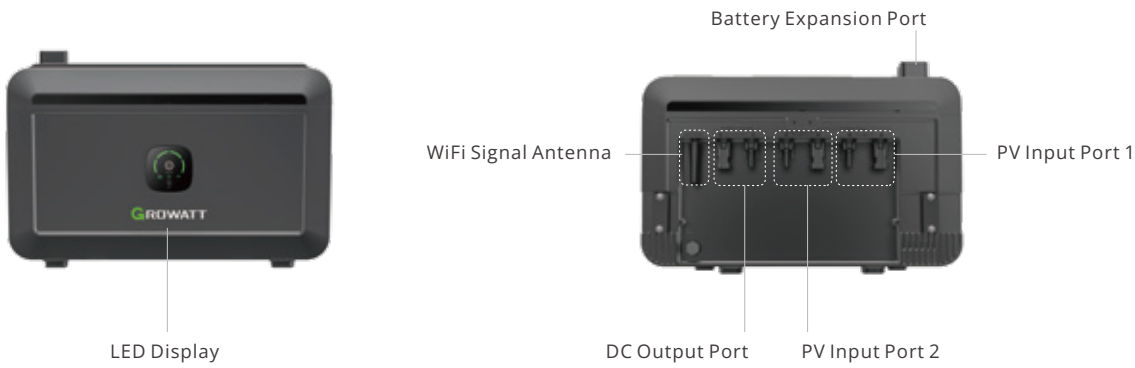


High-Efficiency, Compact, and Smart Solar Storage



SPECIFICATIONS

Features	Descriptions
PV Input	
Recommended PV input power (for module STC)	2×900W Max.
Max. PV input voltage	60V
MPPT voltage range	16V-60V
MPPT full power voltage range	30-48V
Max. input current	26A+26A
MPPT channels	2
No. of PV strings per MPPT channel	1
Battery Output (DC to Microinverter)	
Max. output power	800W Max.
Output voltage range	40V-50V
Max. output current	20A
Battery Specifications	
Battery type	LiFePO4
Battery capacity	2048Wh
Max. expansion capacity	8192Wh (up to 4 units )
Max. charging power	1800W
Rated voltage	51.2V
Max. charging current	40A
General	
Max. output efficiency	98%
MPPT efficiency	99%
Charging temperature range	0~45°C*
Discharging temperature range	-20~45°C*
Weight	23KG
Dimensions(W/D/H)	406*235*270 mm
Protection level	IP66
LED Display	Supported
APP	Supported
WiFi/Bluetooth	Supported
Warranty	10 years
Certification	CE, ROHS, REACH, WEEE

\*Support -20°C startup and automatically self-heat the device for a certain time to the charge temperature range.



NOAH 2000<sup>NEW</sup>  
BALCONY SOLAR STORAGE

Effortless Installation, Endless Energy





## 1800W Solar Input, Supports Up to 4 Solar Modules

Utilizing a Y-Branch Solar Parallel Cable, the NOAH 2000 can be connected to 4 solar modules, harnessing more solar energy efficiently.



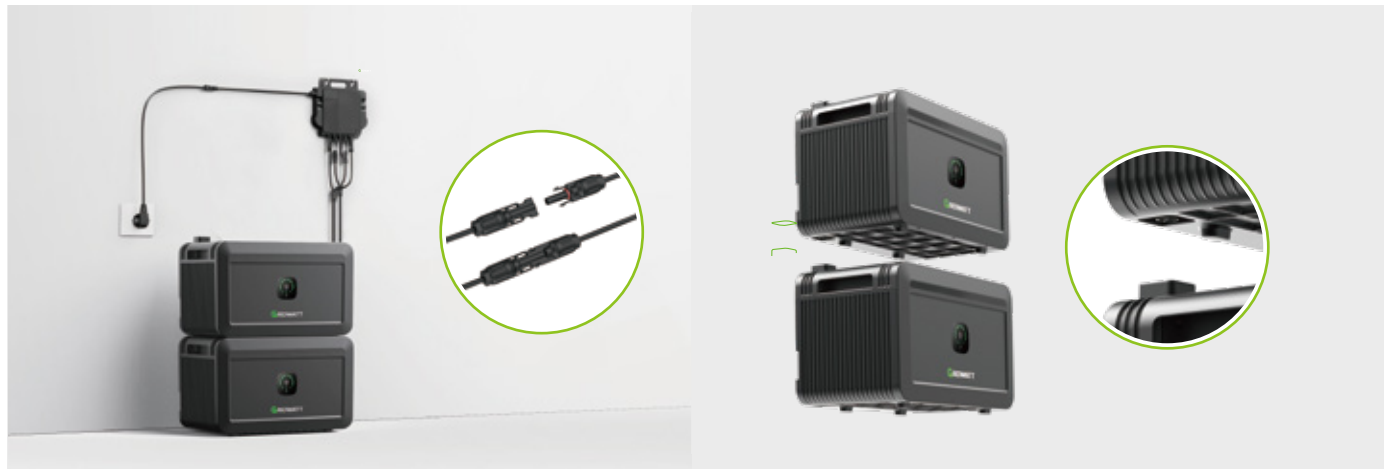
## -20°C Startup Support

Heat up your NOAH 2000 to offer continuous power or nonstop charging at a low temperature.



## Flexible Expansion, up to 8kWh

As the companion battery to the system, NOAH 2000 has a capacity of 2048Wh. Connect 4 batteries to build a power-house with 8192Wh.



## 5-Minute Quick Installation

H4 quick connector between microinverter and NOAH battery storage, and easily battery expansion by stacking only, all installation in just 5 minutes.



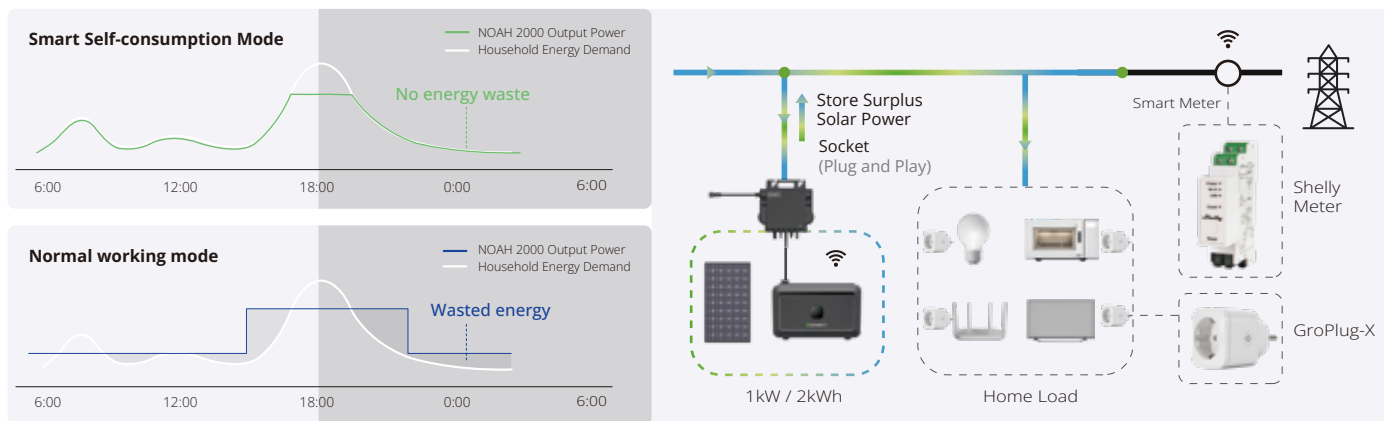
## Maximize Solar Self-consumption

NOAH 2000 balcony solar storage system stores all excess energy in a battery during the daytime and returns it whenever you need it, improving solar energy utilization efficiency.



## Safe & Reliable LFP Battery

The NOAH 2000 Balcony Storage uses the best LiFePO4 battery for energy storage, providing you with 6000+ cycles, ensuring your battery will stand the test of time.



## Zero Energy Waste

With wireless Shelly Meter/Groplug-X device, it continuously monitors real-time load power, allowing NOAH 2000 to adjust output power dynamically based on scheduling needs. This optimizes photovoltaic power generation and reduces dependency on grid power. \*Compatible Shelly Meter: Shelly Pro 3EM, Shelly 3EM



## IP66 Design Fits Anywhere

It has an IP66 waterproof rating, making it safe for use in villas, balconies, gardens, and apartments regardless of the weather conditions.



## Save on Energy Costs

Forget about that dreaded end-of-month electricity bill. With endless solar energy streaming into your home via this system, you can enjoy significant annual savings.