High-Efficiency, Compact, and Smart Solar Storage



LED Display



Battery Expansion Port

WiFi Signal Antenna

PV Input Port 1

DC Output Port

PV Input Port 2

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	2000W
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 -30°C startup and automatically self-heat the device for a certain time to the charge temperature range.



NOAH 2000 NEW

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.



-30°C Startup Support

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



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.



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 powerhouse with 8192Wh.



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.



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.