

Technical Parameters

BATTERY	NOVB-2400
PV INPUT	
MPPT Voltage Range	18-55V
Max Input Power	600Wx2
BATTERY DATA	
Battery Type	LiFePO ₄
Cycles	6000
Capacity	2400Wh
BATTERY OUTPUT TO MICROINVERTER	
Max Output Power	1000W
Max Output Current	25A
GENERAL DATA	
Operating Temperature	-20~55°C
Weight	26kg
Ingress Protection	IP65
Dimensions (WxHxD)	400x587x102mm

PV PANEL	ULTRA LIGHT 200W
MECHANICAL SPECIFICATIONS	
Rated Peak Power (Pmax)	200W
Dimensions (WxHxD)	1154x899x2mm
Color	Black
Ingress Protection	IP68
Output Cable	TUV 4.0mm²
Wire Length	(+)500mm,(-)500mm, or customized
Connector	MC4 compatible
Operating Temperature	~40°C to 85°C
Max System Voltage	1000V DC

MICROINVERTER	NOVM-800
INPUT I DC	
Start up Voltage	22 V
Max Input Current	2*14 A
OUTPUT I AC	
Max Continuous Output Power	800 VA
GENERAL DATA	
Dimensions (WxHxD)	250x170x28 mm
Weight	2.5 kg
Operating Ambient Temperature Range	-40 °C to 65°C
Cooling	Natural Convection
Ingress Protection	IP67
DC Connector Type	QC4 (Stäubli MC4 Optional)

Plug & Play

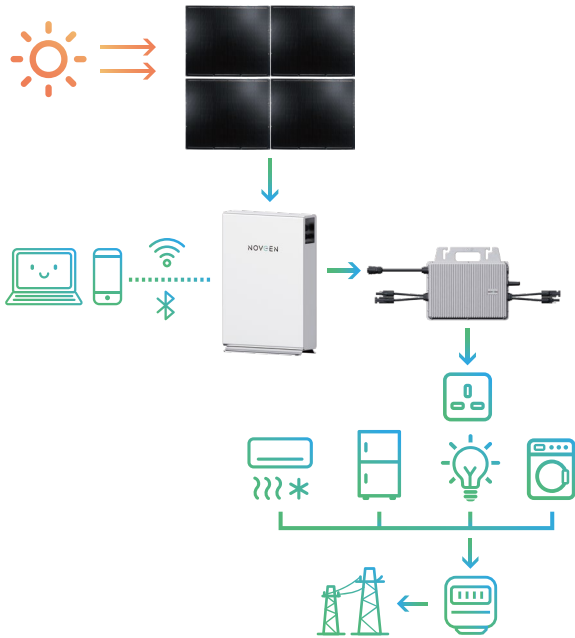
NOVB-2400 Kit is an easy-to-install system with smart plugs and APP control for real-time energy monitoring and optimization.

Compatibility

Integrated design compatible with most existing balcony system, forming a PV energy storage system.

Space-Saving

Thin and light design suitable for balconies, gardens, and garages, with easy wall installation and no messy cables.



Packaging List

200Wp Solar Panel	x4	MC4 Wrench	x1
2m MC4 Cable	x8	2400Wh Balcony Battery with 2 MPPT	x1
Y Shaped Connector Pairs	x3	800W Microinverter	x1
Anti-fall Rope	x1	5m Grid Connection Cable	x1
UV-resistant Plastic Cable Tie	x60	Back Bracket	x1
Stainless Steel Cable Tie	x60	Base Bracket	x1
Labor Protection Gloves	x1	4 to 1 Input/Output Cable	x2

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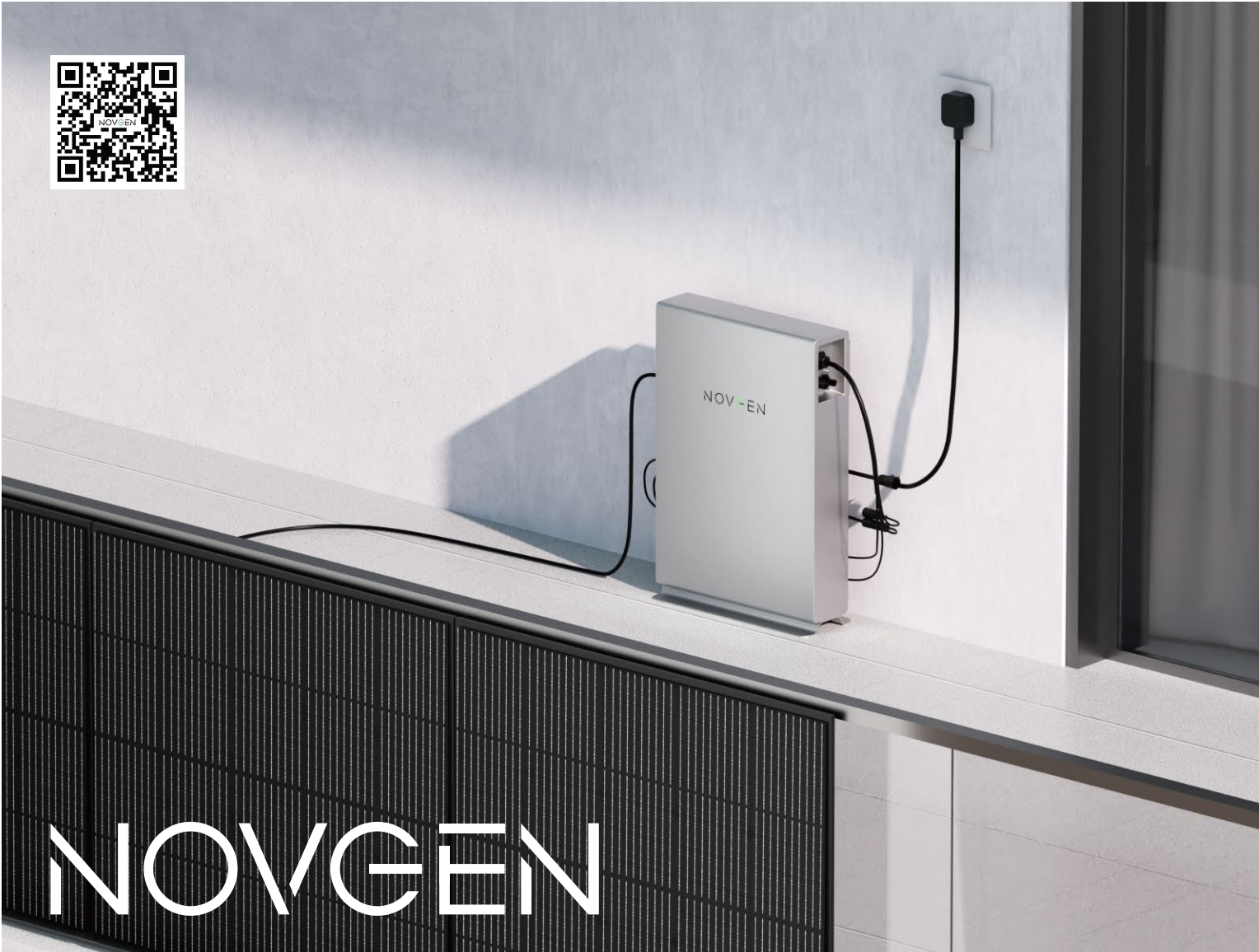
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*NOVGEN behält sich das Recht der endgültigen Auslegung vor. 202503_V1_EN

NOVGEN sunpura

NOVB-2400 Kits
(2400Wh | 800W)

Plug & Play
Energy Storage System



NOVGEN

Plug & Play Energy Storage System

Saves 1/3 of your electricity bill



Your home appliances use solar panel energy during the day, with excess stored for nighttime use. This system supports up to 1200W of solar input and has an adjustable output range from 0 to 1000W. It includes 2 MPPTs for optimized power generation and can create a 4.8kWh system with 2 batteries.

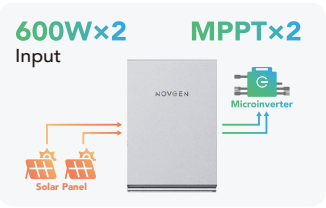
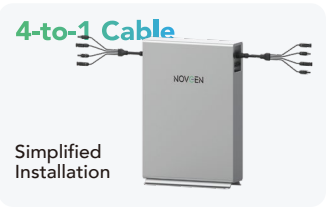
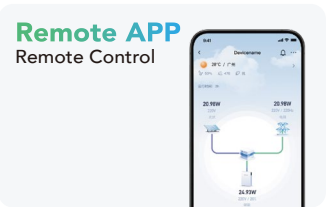


At night, the 2.4kWh stored energy can power various household appliances, from high-power ones like refrigerators to low-power devices like WiFi routers and lamps.



NOVB-2400

Plug & Play Storage Battery



PV PANEL-ULTRA LIGHT 200W

Design for Green Power and Energy Saving
Fits Most Balcony Sizes



- Light Weight (3.1kg/PCS)**
Only 1/3 of glass panels
- Suitable For Most Of Balconies**
Only 899mm high
- Easy Transportation**
Four pieces per package
- Neat And Beautiful**
All Black, the junction box is on the back