

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	CDS-P1054L-BZ
MECHANICAL SPECIFICATIONS	
Rated Peak Power (Pmax)	410W
Dimensions (WxHxD)	11721x1133x4.75mm
Color	Black
Ingress Protection	IP68
Output Cable	TUV 4.0mm ²
Wire Length	300mm, length can be customized
Connector	MC4 compatible
Operating Temperature	-40~+85°C
Max System Voltage	1000V DC

MICROINVERTER	NOVM-800
INPUT DC	
Start up Voltage	22 V
Max Input Current	2*14 A
OUTPUT 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

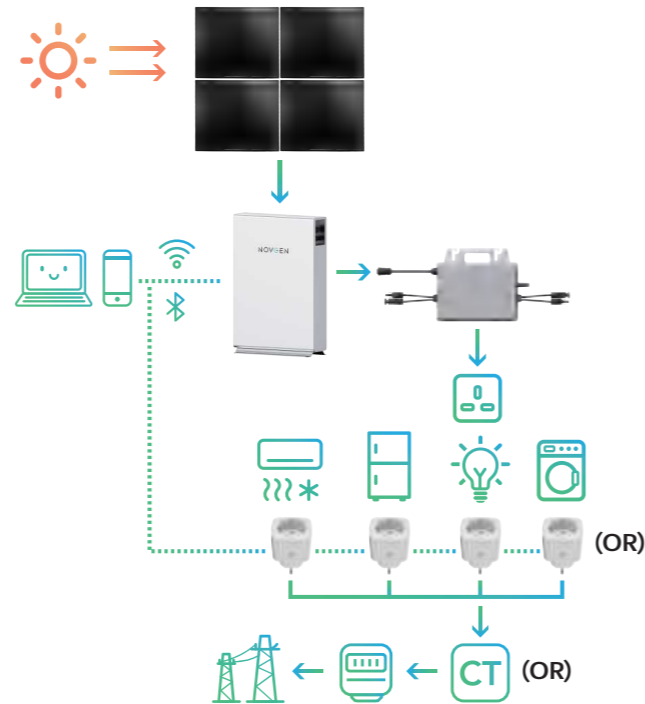
NOVB-2400 Kit is an easy-to-install system with smart plugs and APP control for real-time energy monitoring and optimization.

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

410W PV Panel	x2	5m End Cable with AC Plug	x1
3m MC4 to MC4 Set	x2	2400Wh Battery	x1
800W Microinverter	x1	Wall Hanging Bracket Set	x1
Solar Panel Bracket Set	x2	Floor Stand	x1
User Manual	x1	4 MC4 to 1 Cable	x1

NOVG-EN

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NOVG-EN

NOVB-2400 Kits (2400Wh | 800W)

Plug & Play
 Energy Storage System



NOVG-EN

Plug & Play Energy Storage System

Saves 1/3 of your electricity bill



NOVB-2400 Kits (With Battery)

100% Used

Other Balcony Power Plants (Without Battery)

35% Used

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

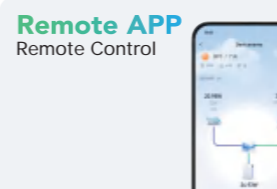
Plug & Play Storage Battery



IP65 Ingress Protection



Remote APP Remote Control



-20~55°C Wide Operation Temperature




4-to-1 Cable Simplified Installation



Expansion up to 7.2kWh



600W×2 Input MPPT×2

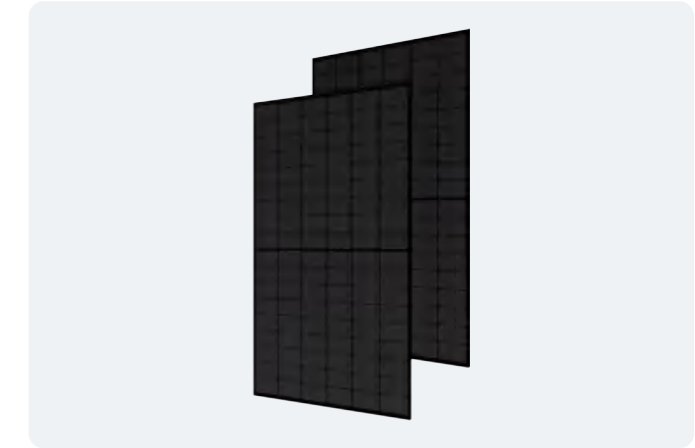


Wall Mounting Bracket



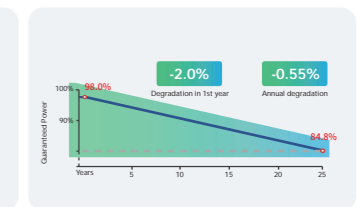
PV PANEL-Glass Light 410W

Design for garden, balcony, roof and garage



15 years Product Warranty 25 years Power Warranty Certificates & Warranty

IEC61215:2021&IEC61730:2023

- Ultra Light**

 - Weighting 50% of conventional modules, It can be handled with one hand for easy installation and transportation
- Multi-busbar Technology**

 - Extremely high light utilization
 - Greater power collection capability
 - Effectively improve power output and reliability
- Aesthetic Appearance Design**

 - Elegant design in all black appearance, harmonious integration with the components of the building to provide an intense aesthetic experience
- Pre-assembled at the Factory**

 - Modules are pre-assembled with the bracket for installation-free, plug & play use on site