

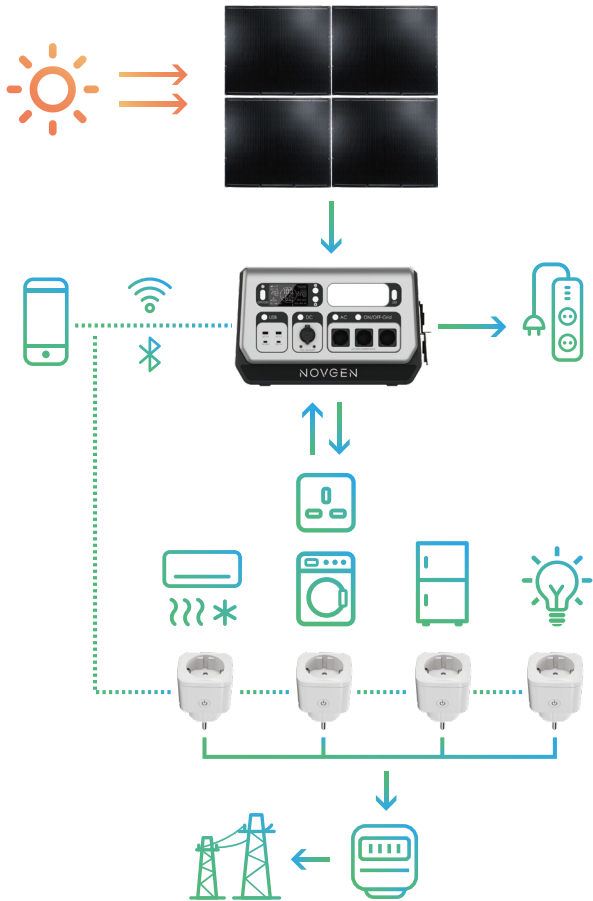
Technical Parameters

BATTERY	NOVB-2048
BATTERY INFO	
Battery Material	LiFePO ₄
Battery Capacity	2048Wh / 640000mAh
INPUT	
AC Charging	AC100-125V / AC174-264V Bidirectional Inverter 1400W Max
Car Charging	DC12-24V / 15A 360W Max
Solar Charging	DC18~145V / 25A 1600W Max
OUTPUT	
Rated Power (Off/On grid)	2200W Max/800W Max
Peak Power	4400W Max
USB Output	2*QC18W+PD27W+PD100W Max
DC Output	1*Cigarette Lighter 12.8V / 12A Max+2*DC5521 Rated Output 12.8V/5A Max
FUNCTION	
AC Recharging Time	Quick Charge: 1.5-2Hrs / Normal Charge: 4-5Hrs / Silent Charge: 6-7Hrs
UPS Function	Support
APP Control	Support
Micro On-grid	Support
Weight	23.2kg
Size (WxHxD)	260x295x465mm

PV PANEL	ULTRA LIGHT 200W
MECHANICAL SPECIFICATIONS	
Dimensions (WxHxD)	1154x899x2mm
Net Product Weight	3.1kg
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

Green Energy System

The NOVB-2048 Kit is a mobile, on grid/off grid all-in-one system with smart plugs and APP applications to monitor and optimize energy consumption in real time.



Packaging List

200Wp Solar Panel	x4	MC4 Wrench	x1
2m MC4 Cable	x8	2048Wh battery	x1
Y Shaped Connector Pairs	x3	1.5m AC Power cord	x1
Anti-fall Rope	x1	DC Cable	x1
UV-resistant Plastic Cable Tie	x60	MC4 Cable	x1
Stainless Steel Cable Tie	x60	PV Connectors	x1
Labor Protection Gloves	x1		

NOVGGEN

Call Us +86 755 27210648
Email sales@novgen-ess.com
Website www.sunpura.de
Add C503, Gaoxinqi Industrial Park Phase 1,
Baoan District, Shenzhen, China
VIDIS GmbH (European HQ)
Call Us +49 (0) 4051484048
Cell Phone +49 (0) 15170691704
Email support@vidis.com
Website www.vidis.com
Add Rungedamm 37, 21035 Hamburg, Germany

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



NOVB-2048 Kits
(2048Wh | 800W)

On Grid/Off Grid All-in-One
Portable Power Station



NOVGGEN

On Grid/Off Grid All-in-One Portable Power Station

Saves 1/3 of your electricity bill

NOVB-2048 Kits
(With Battery)

100% Used

Other Balcony Power Plants
(Without Battery)

35% Used



Can be brought to outdoors for camping



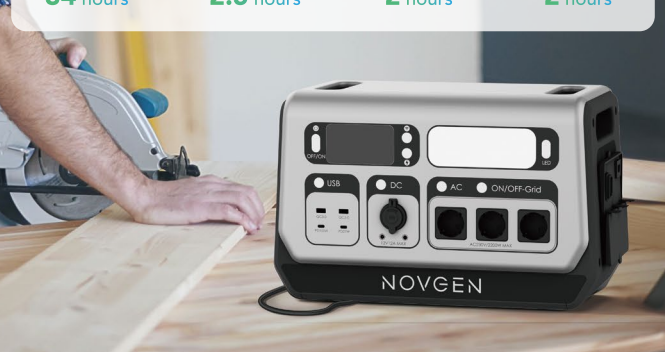
Can be used as backup power supply during power outage, DIY scenario

Car refrigerator
60W
34 hours

Manual impact drill
800W
2.5 hours

Coffee machine
1000W
2 hours

Cutting machine
1000W
2 hours



NOVB-2048

All-in-One Solution & ON/OFF-Grid Mode Switch
Design for Green Power & Energy Saving



PV Input, 100V Max

1600^{MAX}W

Off-grid Output

2200W



90 mins
Super fast charging



3500 times
70% SOH
6 times longer lifespan

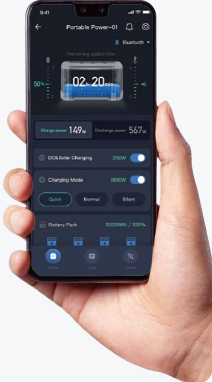


10ms
Switch emergency power

UPS

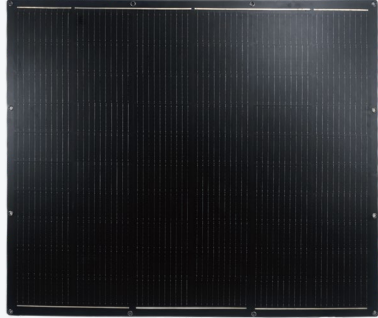


Remote Control For All
Input/output With APP



PV PANEL-ULTRA LIGHT 200W

Design for Green Power and Energy Saving
Fits Most Balcony Sizes



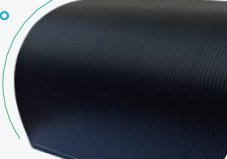


10-Year
Warranty

Ingress Protection:
IP67



Bendable
~200°





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