

# High-Efficiency, Compact, and Smart Solar Storage



## SPECIFICATIONS

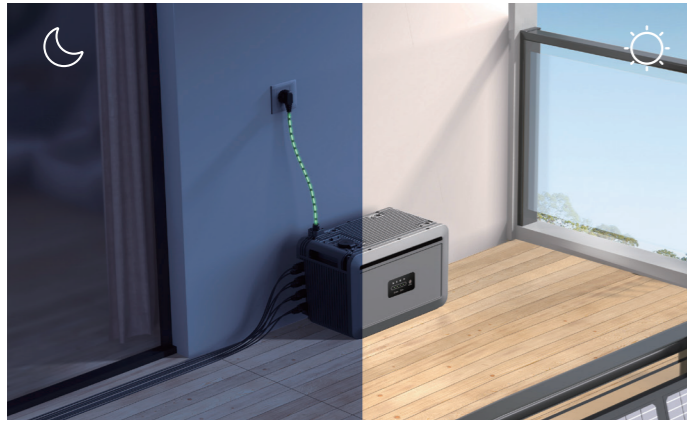
Features	Descriptions
<b>PV Input</b>	
Max PV input power	2600W Max
PV input voltage range	16-60VDC
Max PV input voltage	60VDC
Number of MPPT channel	4
Number of PV strings per MPPT channel	1
PV input current per MPPT tracker	20A Max
<b>On-grid Port</b>	
AC Input	230Va.c., 50/60Hz, 700W
Max AC Input Current	3A
AC Output	230Va.c., 50/60Hz, 800W
Max AC Output Current	3.5A
<b>Versatile AC Port</b>	
Rated off-grid AC output power	800W
Nominal output voltage	230V
Max Output Current	3.5A Max
<b>Battery Specifications</b>	
Battery type	LiFePO4
Battery capacity	2048Wh
Max. expansion capacity	8192Wh
Max. charging power	2000W max
Rated voltage	51.2V
<b>General</b>	
Charging/Discharging temperature range*	-10 C ~55 C / -20 C ~60 C *
Dimensions(W/D/H)	406*255*290 mm
Weight	≈24kg
Protection level	IP66
Interface	LED & APP
WiFi/Buletooth	Supported
Warranty	10 years
Certification	VDE-AR-N 4105:2018, EN 62109, EN 62477, EN 62619, EN 61000-6-1, EN 61000-6-3, EN 301 489, EN 300328, EN 300220, ROHS, REACH, UN38.3
<b>Expansion Battery Parameters</b>	
Rated capacity	2048Wh
Max. Charging power	2000W
Max discharging power to nexa 2000	800W
Net weight	≈18kg
Dimensions (L*W*H)	406*235*270mm

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

**GROWATT**

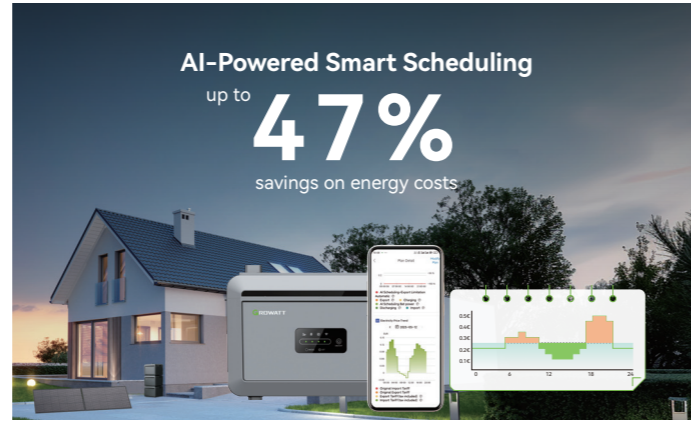


**NEXA 2000** <sup>NEW</sup>  
All-in-one Balcony Solar Storage



### Maximize Solar Self-Consumption

The NEXA 2000 Battery stores excess solar energy during the day and delivers it when needed, enhancing the efficiency of solar energy utilization.



### AI-Powered Smart Scheduling

Our system intelligently stores your solar energy and handles automatic switching based on real-time prices, effortlessly reducing your energy costs by up to 47%.



### 800W Off-grid Capability

During sudden power outages, the off-grid port supplies power to critical loads, ensuring essential systems remain operational. This feature also makes it suitable for outdoor and remote applications.



### IP66 Waterproof and -30°C Startup

With an IP66 waterproof rating and -20°C startup support, NEXA is perfect for villas, balconies, gardens, and apartments. It remains reliable in all weather conditions, even in rainy days or cold winters.



### 4 MPPT/2600W/20A

With 4 MPPTs accommodating different rooftop orientations and 20A string current supporting 650W high-power modules, the total solar input capacity reaches 2600W



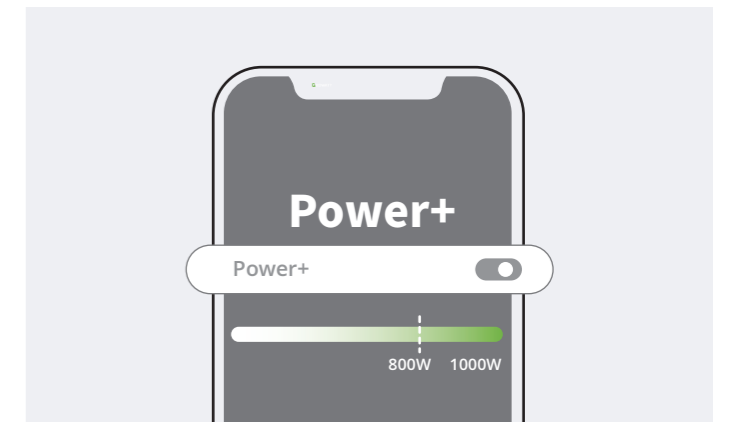
### Export Limitation

0W feed-in to the grid



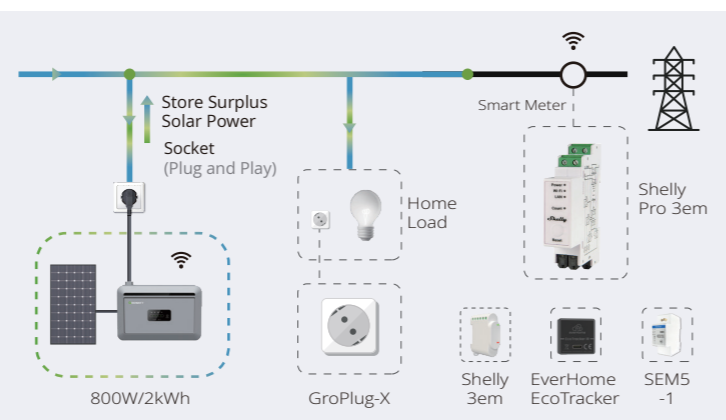
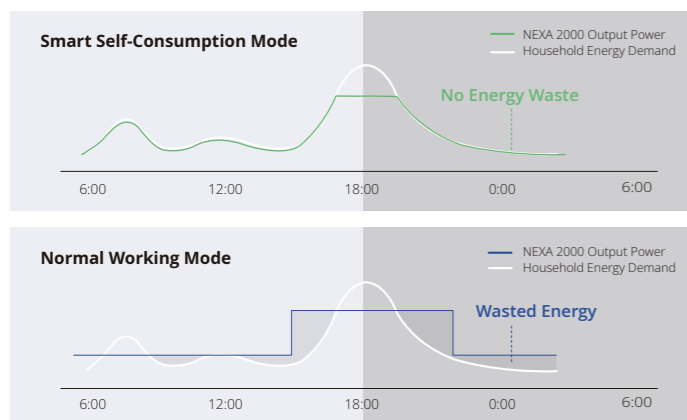
### Up to 7200W Solar Input/8192Wh Capacity

Flexible Expansion, up to 7200W Solar Input/8192Wh Capacity



### Power+ Function Boosts the Power Output To 1000W

NEXA offers the ability to manually adjust the output power up to 1000W, providing greater energy flexibility to meet your needs.



### Zero Energy Waste

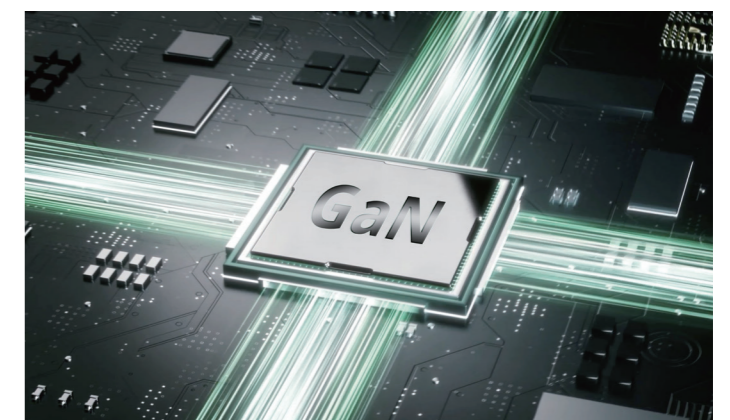
With Smart Meter/Groplug-X device, it continuously monitors real-time load power, allowing NEXA to adjust output power dynamically based on scheduling needs. This optimizes photovoltaic power generation and reduces dependency on grid power.

\* Compatible Smart Meter: Shelly 3em, Shelly Pro 3em, EverHome EcoTracker, Chargee Sparky P1 meter, SEM5-1. The Chargee Sparky P1 meter is undergoing compatibility matching.



### Quick 2-minutes Installation

Only two connection, Simply plug the NEXA 2000 all-in-one battery into the socket, and the installation is complete in just 2 Minutes



### 3rd Generation GaN Tech

Featuring advanced 3rd generation GaN technology, Hyper delivers higher efficiency than standard hybrid inverters.