

Newsmy S2400M



Newsmy S2400M Power Station

Mobile Balcony Energy Storage System

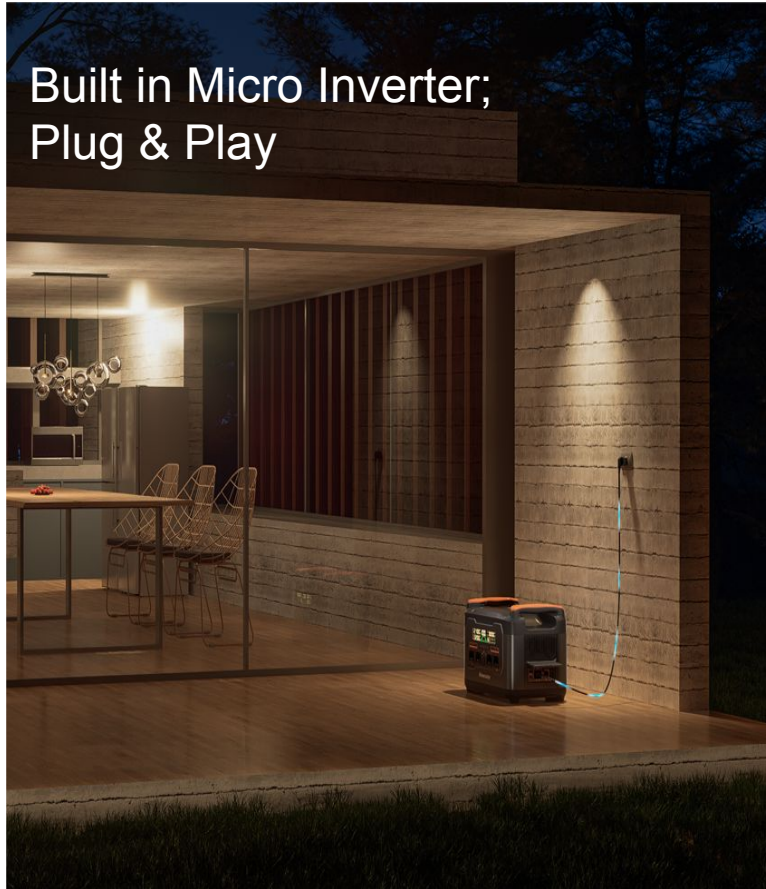
2400W | 2047.5Wh

“Power on the go”

Newsmy

Highlights

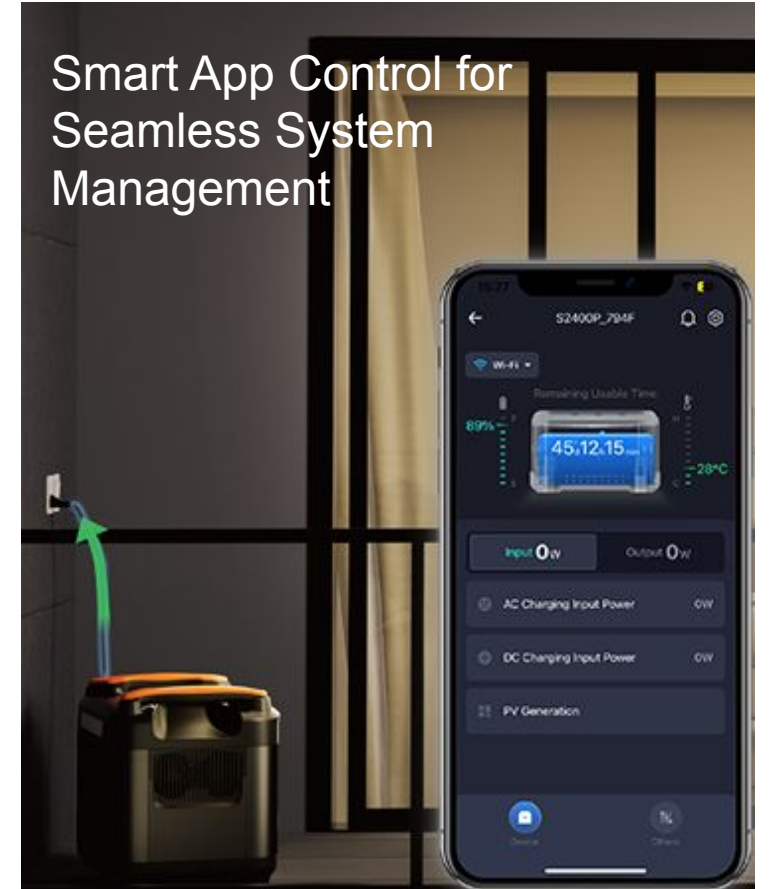
Integrated design,
free installation



All-in-one design: 3
selectable
operational modes



Intelligent control
via the dedicated
app



Specifications

Power Model

Model Name S2400M Power Station

Battery Info

Type of Battery LMFP

Capacity 2047.5 Wh

Cycle Life 2000 to 80%

Warranty 2 Years



Specifications

PV Power Input

Input Port	XT60
Input Power	1200W
Input Current	Max 20A
Input Voltage	11.5V - 100V
Charging Temperature	0~55°C

Mains Power Input (110V)

Output Power	500W - 1500W
Output Current	MAX 15A
Output Voltage	90V - 130V

Mains Power Input (230V)

Output Power	500W - 2000W
Output Current	MAX 10A
Output Voltage	180V - 260V

Power Output

DC Output	24V==5A; 12V==10A
Cigarette Lighter Output	12V==10A
USB Output	QC3.0 * 4; 5V3A; 9V2A; 12V1.5A
Type-C Output	5V; 9V; 12V; 15V==3A / 20V==5A
AC Output	110V 50Hz / 60Hz 1500W or 230V 50Hz 2400W

Transportation

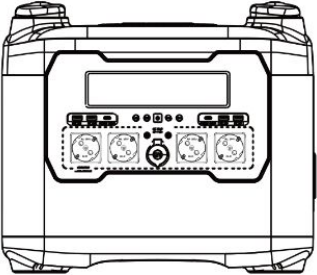
Product Weight	28.9 kgs
Packaging Weight	30.7 kgs
Product Dimension	432*334*296mm
Packaging Dimension	540*400*440mm

Certifications

CE-EMC	CE-LVD	PSE
FCC-ID	UI2743	UKCA-EMC
UKCA-LVD		

Specifications

Package Content

Name	# of Content	Size	Overview
Newsmy S2400M Power Station	1	430*336*294mm	
AC Charging Cable	1	1.5m	
User Manual	1	/	

FAQs

- ▲ Question: In micro inverter mode, is power always supplied from the battery? No direct connection between solar panel-generated power and grid demand?
Answer: Yes, solar power is first stored in the battery and then utilized by the power station to provide electricity for household loads.
- ▲ Question: How many cycles are possible with the device? Considering the heavy daily usage of the battery as mentioned in Q1, will it be subjected to significant wear and tear?
Answer: The LMFP battery in our device supports around 2000 full cycles(A full cycle is counted from 0 to 100 and then from 100 to 0.). With heavy daily usage of 2 full cycles, it can provide approximately 3 years of usage. After 2000 cycles, the battery retains about 80% of its original capacity. We also offer a LiFePo4 battery option with up to 3000 cycles.
- ▲ Question: Can users adjust the minimum capacity threshold for grid output? Currently, it stops at 5%, but can it be increased manually to 10%, 30%, or higher?
Answer: Yes, in the newer version of the device, users have the option to adjust the safe battery capacity threshold in percentage through a companion app.
- ▲ Question: What occurs when the battery reaches full capacity and there is excess power generated by the panels?
Answer: When the battery is full, any power generated by the solar panels below 800W will be directed to the grid via a built-in microinverter, allowing it to slow down the electricity meter.