

POSNPOWER

PORTABLE LFP POWER STATION

Fast charging. Solar ready. Built for mobile and backup power.



POSNPS1000

1,024 Wh

1,800 W AC
2 x SCHUKO

POSNPS2000

2,048 Wh

2,400 W AC
4 x SCHUKO

EU-READY POWER, WITHOUT THE BULK.

- LONG-LIFE LFP**
3,500+ cycles to 80%
for everyday energy use
- FAST AC RECHARGE**
Approx. 1.2 / 1.5 hours
with controlled charge modes
- EPS HOME BACKUP**
Transfer time <=20 ms
for essential appliances
- MPPT SOLAR INPUT**
500 W / 1,000 W
for mobile off-grid charging
- EU AC OUTPUT**
230 V pure sine wave
with Type-F Schuko sockets
- APP MONITORING**
Bluetooth and Wi-Fi
energy control and updates

SERIES SPECIFICATIONS

PORTABLE LFP POWER STATIONS FOR EUROPE

MODEL	POSNPS1000	POSNPS2000
BATTERY AND PLATFORM		
Battery chemistry	LiFePO4 (LFP)	LiFePO4 (LFP)
Rated energy	1,024 Wh	2,048 Wh
Cycle life	>=3,500 cycles to 80%	>=3,500 cycles to 80%
Battery management	Smart BMS	Smart BMS
AC OUTPUT		
Rated AC output	1,800 W	2,400 W
Surge output	2,700 W	4,800 W
AC voltage / frequency	230 V / 50 Hz	230 V / 50 Hz
Waveform / THD	Pure sine / <3%	Pure sine / <3%
EU AC sockets	2 x Type-F Schuko	4 x Type-F Schuko
EPS transfer time	<=20 ms	<=20 ms
DC AND USB OUTPUT		
USB-C	1 x 100 W + 1 x 30 W	2 x 100 W
USB-A	2 x 18 W	2 x 18 W
12 V automotive	12.6 V / 10 A	12.6 V / 10 A
INPUT AND CHARGING		
AC charging input	1,200 W max.	1,800 W max.
Full AC recharge	Approx. 1.2 h	Approx. 1.5 h
Solar input / MPPT	12-60 V / 15 A / 500 W	12-60 V / 20 A / 1,000 W
Vehicle charging	12 V / 24 V, 8 A	12 V / 24 V, 8 A
MECHANICAL AND OPERATING		
Dimensions (W x D x H)	390 x 250 x 285 mm	495 x 300 x 345 mm
Approximate weight	13.8 kg	24.8 kg
Charging temperature	0 to 45 C	0 to 45 C
Discharging temperature	-10 to 45 C	-10 to 45 C
Quiet charging mode	<=45 dBA	<=45 dBA
CONNECTIVITY, SAFETY AND WARRANTY		
Connectivity	Bluetooth / Wi-Fi	Bluetooth / Wi-Fi
BMS protection	OV / UV / OC / SC / OT / UT	OV / UV / OC / SC / OT / UT
EU market compliance	CE / RoHS / REACH / WEEE	CE / RoHS / REACH / WEEE
Battery transport	UN38.3 / MSDS	UN38.3 / MSDS
Warranty	5 years	5 years

DESIGNED FOR REAL-WORLD USE

A balanced platform for home backup, outdoor work and mobile solar energy.

EU OUTPUT
230 V Schuko
Pure sine inverter

FAST RECHARGE
Controlled AC modes
MPPT solar charging

SAFE LFP CORE
Smart BMS
3,500+ cycle target

CONNECTED
LCD + mobile app
Remote monitoring