

# 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                  |
|------------------------------------------|-----------------------------|-----------------------------|
| <b>BATTERY AND PLATFORM</b>              |                             |                             |
| 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                   |
| <b>AC OUTPUT</b>                         |                             |                             |
| 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                     |
| <b>DC AND USB OUTPUT</b>                 |                             |                             |
| 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               |
| <b>INPUT AND CHARGING</b>                |                             |                             |
| 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            |
| <b>MECHANICAL AND OPERATING</b>          |                             |                             |
| 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                    |
| <b>CONNECTIVITY, SAFETY AND WARRANTY</b> |                             |                             |
| 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