TRAVEL POWERBOX 4800 (2400W) 2048Wh PORTABLE POWER STATION

REGULAR RANGE

PRODUCT CODE
5TBBNX2400

EAN
5904100453122

CATEGORY
Solar inverters and energy storage systems

SUBCATEGORY
POWER BOX portable power stations (with battery)

PRODUCT PAGE
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ABOUT THE PRODUCT

TRAVEL POWERBOX 4800 (2400W) 2048Wh is a portable power station with a LiFePO₄ battery with a capacity of 2048Wh. It enables simultaneous powering of several devices, including household appliances, consumer electronics, medical devices, laptops, smartphones, cameras, drones, portable refrigerators and lighting.

The station can be charged from the mains, a vehicle and a solar panel. It is suitable for use at home as an emergency power source, as well as during travel, camping, stays at a campsite or on a yacht. It requires no fuel, emits no exhaust fumes or toxic vapours and operates quietly, without vibrations.

The LiFePO₄ battery is equipped with a BMS management system and 3500–4000 operating cycles (SOH ≥ 70%). The device offers a pure sine wave, pass-through charging and AC sockets, 12VDC ports, a vehicle port, USB-C ports and fast USB 3.0 ports. The Wonderfree app is available for operating the station on Google Play and the App Store.

Due to the specific characteristics of the measurement system, the station has a reading error tolerance of 10-20W for devices with very low power consumption. Failure to indicate consumption under low loads is normal and does not constitute a manufacturing defect.

TECHNICAL SPECIFICATIONS

General Parameters and Power Supply	**Battery capacity**	2048 Wh ±5% (40 Ah / 51,2 V, LiFePO₄ type)
	Continuous power	2400W
	Peak power	4800W
	Battery service life	3500 – 4000 cycles (SOH ≥ 70%)
	Output voltage waveform	Pure sine wave (Pure Sine Wave)
	AC outputs	230V ±10%, 50 Hz (3x AC sockets)

TECHNICAL SPECIFICATIONS - CONTINUED

Input and Charging Parameters	**AC input**	AC 196 ~ 264V (1500W Max)
	Vehicle input / solar	DC 16-100V / 25A (max. 1200W)
	Pass-through charging (Pass-through)	Supported
Outputs USB and DC	**USB-A1 / USB-A2 ports**	QC max. 18W (5V/2,4A, 9V/2A, 12V/1,5A)
	USB-C1 port (PD 3.0)	PD 100W (5V/3A, 9V/3A, 12V/3A, 15V/3A, 20V/5A)
	USB-C2 port (PD 3.0)	PD 27W (5V/3A, 9V/3A, 12V/2,25A, 15V/1,8A, 20V/1,35A)
	Outputs DC 13,8V	1x cigarette lighter socket + 2x DC5521 (Rated power 13,8V / max. 5A, total max. 12A)
Additional Functions and Protections	**LED lighting**	Max. 3W, 3 brightness levels (Low/Medium/High) + SOS function
	Protection	Short-circuit, overcurrent, overvoltage, undervoltage, overload, and overheating protection
Environmental Parameters and Dimensions	**Operating temperature (charging)**	0°C ~ 40°C (32°F ~ 104°F)
	Operating temperature (discharging)	-10°C ~ 40°C (14°F ~ 104°F)
	Product dimensions	465 x 260 x 295 mm
	Net weight	23 kg (51,8 lbs)

PRODUCT GALLERY









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PRODUCT GALLERY - CONTINUED





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