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 equipped with a $LiFePO_4$ battery with a capacity of 2048Wh. It enables several devices to be powered simultaneously, including household appliances, consumer electronics and medical devices. It can serve as an emergency power source during power outages.

The station can be charged from the mains, using a car charger or a solar panel. It is suitable for use at home and during outdoor activities such as travel, camping, staying on a yacht, bivouacking, fishing or climbing. It operates quietly, without vibrations or disruptive noise.

The device is compatible with, among others, smartphones, laptops, cameras, drones, portable camping refrigerators and lighting. The $LiFePO_4$ battery is equipped with a BMS management system, and its service life is 3500–4000 cycles (SOH ≥ 70%). The station requires no fuel and emits neither exhaust fumes nor toxic vapours.

TRAVEL POWERBOX 4800 (2400W) features AC sockets, 12VDC output ports, a car port, USB-C ports and USB fast-charging ports 3.0. It is equipped with a AC pure sine wave output, a pass-through charging function and the capability to power devices with different power requirements.

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

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GENERATED: 2026-10-30 16:11

TECHNICAL SPECIFICATIONS

General and Power Supply Parameters	**Battery capacity**	2048 Wh ±5% (40 Ah / 51,2 V, $LiFePO_4$ 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)
Input and Charging Parameters	**AC input**	AC 196 ~ 264V (1500W Max)
	Car / and solar input	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, max. total 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 overheat 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)

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PRODUCT GALLERY









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