FOSSIBOT F2400 2400W Charging Station (Black)

Model: F2400BL

Manufacturer: FOSSIBOT

EAN: 6942580504902

Product Code: 1746630

R21,244

FOSSIBOT F2400 Power Station

The FOSSIBOT F2400 2400W Power Station is a high-performance energy storage system equipped with a 2048 Wh $LiFePO_4$ battery and a pure sine wave inverter with 2400 W continuous power and 4800 W peak power. The device can power up to 13 devices simultaneously, making it ideal for power outages, road trips, camping, or working away from home. The EVE® LFP battery offers over 4,000 charge cycles to 80% capacity, ensuring a long service life and stable performance for years of use. The model supports charging from the AC grid, solar panels, a car, and simultaneous AC and solar charging. The manufacturer claims a full charge in approximately 1.5 hours with simultaneous AC + PV charging and ideal sunlight conditions.

High power and a wide selection of ports

The FOSSIBOT F2400 is designed to power both everyday electronics and more demanding devices. Its 2400 W power output allows you to safely connect items such as portable refrigerators, laptops,

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tools, routers, and audio-visual equipment. The pure sine wave helps maintain stable operation of devices sensitive to voltage quality, which is particularly important for computers and electronic equipment. The station is equipped with 13 ports, including AC, USB-C, and USB-A sockets, as well as DC and car outlets. This allows you to charge multiple devices simultaneously without the need for additional splitters or adapters.

$LiFePO_4$ Battery and Various Charging Options

The $LiFePO_4$ battery used is distinguished by its high durability and greater resistance to intensive use. With over 4,000 charge cycles to 80% capacity, the device performs well with regular use over a long period. Charging from the AC grid at up to 1100 W allows the battery to be recharged in about 2 hours, while the solar input with a maximum power of 500 W enables the use of renewable energy while traveling or working off the grid. The simultaneous AC and solar charging feature increases the total input power to 1600 W, which can reduce charging time under favorable weather conditions. The built-in MPPT controller supports the efficient use of energy from photovoltaic panels.

Smart Control and UPS Function

The device is equipped with a clear HD LCD display that allows for convenient monitoring of energy levels, power consumption, and operating parameters. Thanks to Wi-Fi and Bluetooth connectivity, you can remotely control the station and monitor its operation via a mobile app. The UPS function, with a switchover time of less than 8 ms, helps maintain power to connected devices during temporary power outages. This solution is useful for computers, modems, and office equipment, among other things. Additional conveniences include built-in LED lighting and an SOS mode, which can be helpful when using the unit after dark or in emergency situations.

Robust construction and ready-to-use

The FOSSIBOT F2400 measures approximately 386 × 284 × 321 mm and weighs 22 kg, striking a good balance between high capacity and portability. The housing features convenient handles that make it easy to move the station around the house, garage, RV, or yard. The device allows for simultaneous charging and discharging, which enhances the convenience of daily use. The model complies with UL, CE, DOE, and FCC standards, and the manufacturer backs it with a 5-year warranty. It is a practical solution for those seeking an efficient emergency power source and a

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portable energy storage solution.

Included

- FOSSIBOT F2400 Power Station
- AC power cable
- Solar charging cable
- Car charging cable
- User manual

Manufacturer	FOSSIBOT
Model	F2400
Color	black
Battery capacity	2048 Wh
Battery type	$LiFePO_4$ (EVE® LFP)
Battery lifespan	over 4,000 cycles to 80% capacity
AC output power	2,400 W
Peak power	4,800 W
Inverter type	pure sine wave
Number of ports	13
AC outlets	3 × AC 2,400 W
USB-C ports	3 × PD20W, 1 × PD100W
USB-A ports	2 × QC3.0 18W
DC outputs	2 × 12V/3A DC5521
Car socket	12V/10A
RV outlet	12V/25A
Maximum AC charging power	1100 W
Maximum solar charging power	500 W
Maximum AC + PV input power	1600 W

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AC charging time	approx. 2 hours
Solar charging time	approx. 4 hours under optimal conditions
AC + Solar Charging Time	Approximately 1.5 hours under ideal sunlight conditions
Connectivity	WiFi + Bluetooth
UPS Function	Yes, <8 ms
Display	HD LCD
Dimensions	386 × 284 × 321 mm
Weight	22 kg
Operating Temperature	-15°C to 40°C
Certifications	UL, CE, DOE, FCC, CA Prop 65
Warranty	5 years

GPSR Link: https://psr-assets.innpro.pl/energy/sg_energy_power_stations.pdf, Gross weight: 24790, Net weight: 21740, Box length: 48,50, Box width: 37,50, Box height: 43,00, Information about data generation: https://dataact.innpro.pl/FOSSIBOT/6942580504902, Last delivery: 18.11.2026, GARAN: https://garan.innpro.pl/fossibot/6942580504902

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