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# Is the power box a mobile electrical appliance





## Overview

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What is a portable electrical appliance?

Portable electrical appliances are defined as electrical devices that connect to the main power supply via a cable and plug without being part of a fixed installation. These appliances typically operate within a voltage range of 50 to 415 volts and have a maximum weight of 18 kg, allowing for easy movement and connection to an electrical supply.

What appliances can a portable power station run?

Typically, most portable power stations can run small household appliances and electronic devices such as radios, stereos, coffee makers, laptops, LED lights, and even TVs. To determine what appliances your portable power station can run, you need to understand two key specifications: watt-hours (Wh) and power requirements (watts).

What is a portable power station?

A portable power station is a rechargeable, battery-powered unit with applications in electrical powering on-the-go or during emergencies and power outages.

What can a portable power station charge?

All portable power stations can charge up small gadgets like phones and laptops or be used to power lighting. Most can handle small appliances like mini-fridges or TVs. If you want to use power tools, an AC unit, or in the UK, a kettle, you need to be able to draw thousands of watts.



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