

## A-Core Container

# How long can the outdoor power supply work

Warranty  
**10 years**

LiFePO<sub>4</sub>

Intelligent BMS

Wide Temp:  
-20°C to 55°C



## Overview

---

If the outdoor power supply is used once per residence, the estimated service life is about 19 years. (1000 times - 48 times a year = about 20 years). If used on a workday cycle, the estimated lifespan is approximately 4 years. (Use 1000 times a year - 240 times a year = about 4 years). How long do portable power stations last?

Portable power stations typically last between 3 to 10 years. Their lifespan depends on usage, maintenance, and battery quality. These devices are becoming essential for outdoor adventures and emergency situations. They offer a reliable source of energy when traditional power sources aren't available. But many wonder about their longevity.

How long does a power supply last?

Standard power supplies are 25-35c quality supplies from folks like seasonal and such are rated for 40-50c if not higher, generally the components are of much higher quality, they can do 24/7 constant full load (at rated power) as long as temps are maintained for 3-7 years in a lot of cases.

What determines a portable power station lifespan?

What Determines Portable Power Station Lifespan?

A portable power station's lifespan is largely determined by its battery cycle life. This means the amount of times it can be charged and recharged before capacity drops.

How long does a battery last in a power station?

This means the amount of times it can be charged and recharged before capacity drops. Most modern power stations, including Pisen's models, use lithium batteries, which typically last hold 500 to 1,000 charge cycles (battery cycle life) before their capacity drops to around 80%.

What is the cycle count of a portable power station?

The cycle count of a portable power station refers to the number of times it can be charged and discharged before its capacity begins to noticeably degrade. A typical lithium-ion battery, found in most power stations, might boast around 500 to 1000 cycles.

How much power does an oupes portable power station use?

For example, an OUPES portable power station with a 1,000Wh capacity theoretically supplies 1,000 watts for one hour or 100 watts for ten hours. However, this is only the theoretical limit—real-world usage often differs. To estimate runtime, you must first determine the power draw of your devices.

## How long can the outdoor power supply work

---

## Contact Us

---

For catalog requests, pricing, or partnerships, please visit:  
<https://www.a-core.pl>