**Portable Power Station Sizing Worksheet**

**Stop guessing your battery needs!**
Buying a portable power station that is too small means your devices will be flat on day two of your trip. Buying one that is too large means you have wasted hundreds of pounds.

Use this simple worksheet to calculate your exact daily energy needs.

**Find the "Wattage (W)" on your appliance's specification sticker**, estimate how many hours you will use it each day, and multiply them together.

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## Step 1: Calculate Your Daily Usage

| Appliance | Running Watts (W) | Hours Used Per Day | Total Daily Watt-Hours (Wh) |
|---|---|---|---|
| **Personal Electronics** | | | |
| Smartphone Charger | | | |
| Laptop Charger | | | |
| Tablet / E-Reader | | | |
| _____ | _____ | _____ | _____ |
| **Kitchen & Cooking** | | | |
| 12V Compressor Fridge | | | |
| Travel Kettle / Coffee Maker | | | |
| Microwave | | | |
| _____ | _____ | _____ | _____ |
| **Lighting & Comfort** | | | |
| LED Camp Lights | | | |
| Portable Fan / Heater | | | |
| CPAP Medical Machine | | | |
| _____ | _____ | _____ | _____ |
| **Custom Appliances** | | | |

**TOTAL (Box A)** **_____ Wh**

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## Step 2: Find Your Target Power Station Size

**Box A: BASELINE TOTAL**
**Total Daily Watt-Hours =** _____ Wh

**Box B: THE INVERTER RULE** (Account for ~15% inverter loss)
True Daily Watt-Hours = Box A ÷ 0.85 = _____ Wh

**Box C: FUTURE-PROOF BUFFER** (Add 20% safety margin)
**YOUR TARGET POWER STATION SIZE** = Box B × 1.2 = _____ Wh

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**Ready to shop?**
Now that you have your Target Size, head back to **portablepowerstations.co** to read our reviews and find the perfect portable power station for your needs.

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