



TECHNOLOGY
PIONEER
IN CLEAN ENERGY

The Ultimate Solar Backpack Power Station

The Handsfree Power - born to explore, built to back-pack.

Handsfree1
268.8Wh | 300W

Handsfree2
512Wh | 700W



The Ultimate Solar Backpack Power Station

Explore beyond Boundaries,
Power without Limits.

Handsfree is a system that integrates energy storage, a BluePack multifunctional backpack, and portable solar panels. Each component is independently detachable yet cleverly interconnected, creating a synergistic effect that delivers greater value than the sum of its parts.



Get the Highlights



All-in-One Design

A complete solution for your power and storage needs.



Free Your Hands

Keep all your essentials and devices organized and secure.



Ultra-slim Energy Storage

3X lighter than traditional power stations.



Solar on the Go

Seamlessly charge your devices with solar power, wherever you are.



5 Outputs for Outdoor Photographers

Flexible to charge all your gear, ensuring you never miss the perfect shot.



Expandable BluePack (42L/60L)

Choose the capacity that fits your adventure, whether for a short trip or an extended outing.

Free Your Hands, Power Wherever You Go

The BLUETTI Handsfree backpack features ultra-slim energy storage that's 3X thinner and lighter than previous models. It fits easily into the custom-built BluePack. With a quick-access side opening perfectly aligned with the power output, you can effortlessly charge your devices on the move. The U-shaped closure is designed with ventilation in mind, ensuring safe power use without overheating.

Multifunctional Outdoor Backpack for All Your Needs

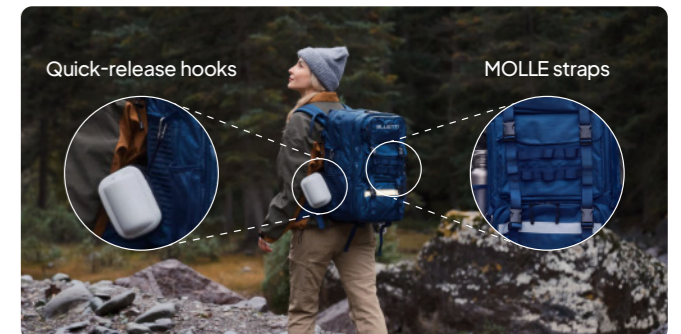
Modular Design, Effortless Storage

Power Compartment + Camera
Compartment + Essentials Compartment



Extra Attachment System

- MOLLE straps for easy access and storage
- Quick-release hooks for external gear
- GoPro mount for capturing moments on the go with a "click"



ErgoBLUE Professional Carrying System

A full-support system, including shoulder, chest, and waist straps, back panel support, and lumbar padding, all designed to evenly distribute weight.



Large Capacity with Expandable Design

BluePack 1: 42L, for 1-3 days trips
BluePack 2: 60L, for 3-5 day adventures
Max. Bearing Load: up to 30kg



Splash-Resistant

With a splash-resistant exterior, water-resistant zippers, and a rain cover, the BluePack provides complete protection from moderate to heavy rain.



Endurance Enhanced by 30%, Say Goodbye to Battery Anxiety

With an innovative fragmented solar charging technology, you can attach the PV60L solar panel (60W) to the BluePack and charge as you go.

The Handsfree 1/2 intelligently monitors solar input and starts charging. If no input is detected for over a minute, the unit will automatically shut down, minimizing energy consumption, and increasing endurance by 30%.



Charge to 80% in 45 Minutes, Adventure-Ready Anytime

Equipped with self-developed TurboBoost technology, Handsfree 1 can charge to 80% in 45 minutes and fully charge in 1.5 hours, or fully charge the Handsfree 2 in 80 minutes. Handsfree is your last-minute power savior. With just enough time to pack your bags, Handsfree is fully charged and ready to power your devices along the way.

Diverse Outlets for Photography and Outdoor Gear

Handsfree 1 comes with 300W rated power and 450W lifting power for resistive loads. While Handsfree 2 boasts a 700W rated power and can drive up to 1,200W lifting power, meeting all your power needs for outdoor photography and exploration.

Both Handsfree 1 and 2 are equipped with 1 AC outlet, 2 USB-C (100W) ports, and 2 USB-A output ports, allowing you to charge five devices simultaneously.



Drone



Photography



Handsfree 1

DJI Mini 3 (18Wh) 10 Times	DJI Air 3 (62.6Wh) 3 Times	DJI FPV (44.4Wh) 5 Times	Camera (10Wh) 15 Times	GoPro (7Wh) 19 Times	Phone (15Wh) 12 Times
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Handsfree 2

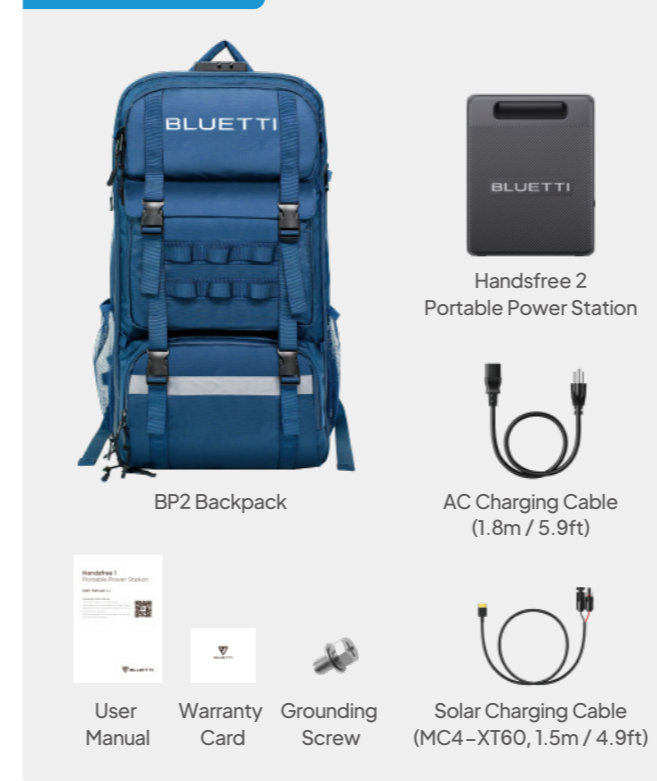
DJI Mavic 3 (77Wh) 5 Times	DJI FPV (44.4Wh) 10 Times	DJI Inspire (98.8Wh) 4 Times	Camera (10Wh) 23 Times	GoPro (7Wh) 27 Times	Phone (15Wh) 18 Times
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Packing List

Handsfree 1



Handsfree 2



Note: BluePack and power station sold independently or as a combo.

Specifications

BATTERY INFO

	Handsfree 1	Handsfree 2
Capacity	268.8Wh	512Wh
Type	LiFePO ₄ (Lithium Iron Phosphate)	LiFePO ₄ (Lithium Iron Phosphate)
Life Cycles	4,000+ Cycles to 80% Original Capacity	4,000+ Cycles to 80% Original Capacity

Rated Power

Power	300W	700W
Lifting Power	450W	1,200W
AC Outlet x 1	300W in total	700W in total
USB-C x 2	100W for each	100W for each
USB-A x 2	15W in total	15W in total

INPUT

AC Input	300W Max.	600W Max.
Solar Input	200W Max.	350W Max.

RECHARGE TIMES

AC Charging	45 Minutes (80%) / 1.5 Hours (100%)	45 Minutes (80%) / 1.3 Hours (100%)
Solar Charging	1.5 Hours (200W)	2 Hours (350W)

GENERAL

UPS Switching Time	≤20ms	≤20ms
Charging Temperature	0°C to 40°C / 32°F to 104°F	0°C to 40°C / 32°F to 104°F
Discharging Temperature	-20°C to 40°C / -4°F to 104°F	-20°C to 40°C / -4°F to 104°F
Storage Temperature	-20°C to 40°C / -4°F to 104°F	-20°C to 40°C / -4°F to 104°F
Weight	About 5kg / 11lbs	About 7.5kg / 16.5lbs
Dimensions (L x W x D)	286.5mm × 95mm × 280mm / 11.3in × 3.7in × 11in	305mm × 105mm × 385mm / 12in × 4.1in × 15.2in
Warranty	5 Years	5 Years

BluePack 1&2

	BluePack 1	BluePack 2
Capacity	42L	60L
Weight	2.33kg	2.72kg
Material	Oxford cloth 600D	Oxford cloth 600D
Load-bearing	30kg	30kg
Waterproof Rating	Splash-Resistant	Splash-Resistant



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