



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

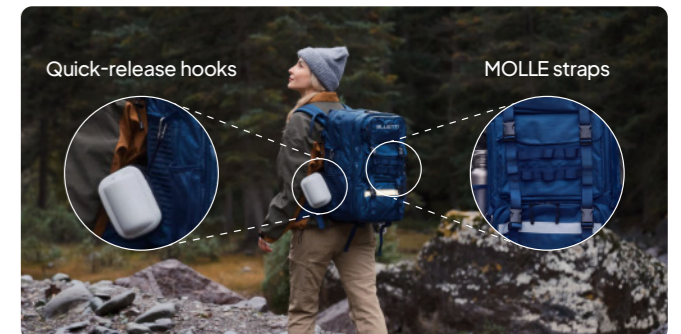
### Modular Design, Effortless Storage

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

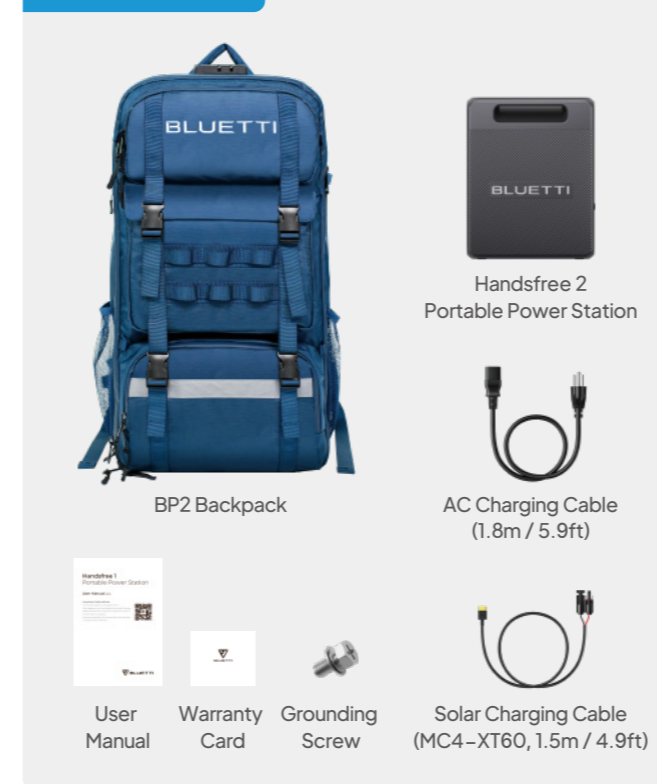
DJI Mavic 3 (77Wh) 5 Times	DJI FPV (44.4Wh) 10 Times	DJI Inspire (98.8Wh) 4 Times	Camera (10Wh) 23 Times	GoPro (7Wh) 27 Times	Phone (15Wh) 18 Times
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## Packing List

### 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 <sub>4</sub> (Lithium Iron Phosphate)	LiFePO <sub>4</sub> (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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