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› Omni Ultimate+ 38,400mah/142wh AC/DC/USB-C Professional Portable Power Bank, FAA Approved Max Capacity Portable Charger for Laptops, Universal Charger for All Devices, Travel-Friendly Power Solution

Omnicharge P2F

Omni Ultimate+ Portable Power Bank User Manual

Model: P2F | Brand: Omnicharge

INTRODUCTION

The Omni Ultimate+ is a professional-grade portable power bank designed to provide versatile and reliable power for a wide range of electronic devices, including laptops, cameras, drones, and smartphones. With its high capacity of 38,400mAh (142Wh), multiple output options including AC, DC, USB-C, and USB-A, and a unique removable battery feature, the Omni Ultimate+ is an ideal solution for professionals and travelers requiring robust power on the go. This manual provides essential information for the safe and efficient use of your Omni Ultimate+.

SAFETY INFORMATION

Please read all safety warnings and instructions carefully before using this product to prevent injury or damage.

- Do not expose the device to extreme temperatures (above 60°C/140°F or below 0°C/32°F), direct sunlight, or high humidity.
- Avoid dropping, puncturing, or disassembling the device. Unauthorized modifications can be dangerous and will void the warranty.
- Keep the device away from water and other liquids.
- Use only Omnicharge-approved accessories and charging cables.
- Ensure proper ventilation when operating, especially when using the AC outlet.
- This device is FAA/TSA compliant for air travel with its 142Wh capacity. Always check with your airline for current regulations regarding portable power banks.
- Dispose of the battery and device according to local regulations. Do not dispose of in household waste.

PRODUCT OVERVIEW

Components and Ports

Front view of the Omni Ultimate+ power bank, showcasing its robust design and integrated OLED display.

All-in-one power solution

Every port you may ever need.

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120W AC	**100W DC**	**2X 100W**	**2X 22.5W**
PORT	PORT	USB-C PORT	USB-A PORT

Diagram illustrating the various input and output ports: 120W AC Port, 100W DC Port, two 100W USB-C Ports, and two 22.5W USB-A Ports.

- **AC Outlet (120W Max):** Standard wall outlet for powering laptops, cameras, and other AC-powered devices.
- **DC Input/Output (100W Max):** Versatile port for charging the Omni Ultimate+ or powering DC devices with adjustable voltage.
- **USB-C Ports (2x, 100W PD Each):** High-power USB-C ports for fast charging modern laptops, tablets, and smartphones.
- **USB-A Ports (2x, 22.5W QC 3.0 Each):** Standard USB-A ports for charging a wide range of USB devices.
- **OLED Display:** Provides real-time information on power input/output, battery level, temperature, and remaining time.
- **Power Button:** Turns the device on/off and activates the display.
- **Function Buttons:** Navigate menus and adjust settings on the OLED display.

Key Features

- **Power Hub for All Devices:** Capable of charging laptops, cameras, drones, and smartphones with overcharge protection.
- **Extensive Features:** Includes high-powered AC, adjustable DC power, USB-C PD, QC 3.0 USB-A, removable battery, pass-through charging, and solar charging compatibility.
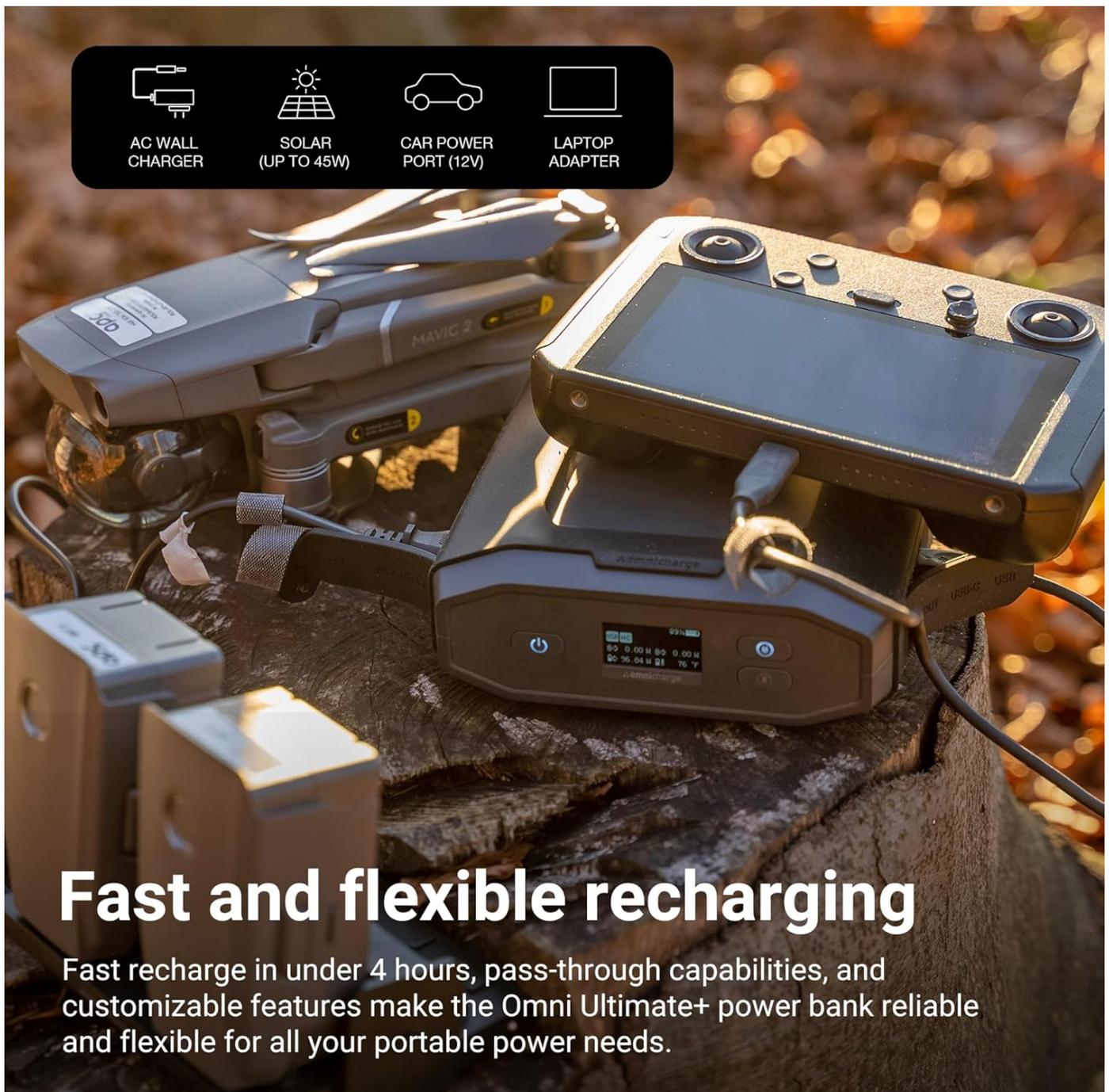
- **Maximum Capacity, Fast Charging:** 142Wh (38,400mAh) battery capacity, capable of 100W DC output and 120W AC output. Recharges in approximately 3 hours.

- **Removable Battery:** Industry-first removable battery allows for swapping out depleted batteries and recharging spare batteries externally. FAA approved for carrying two 142Wh spare batteries.

Image showing the removable battery compartment of the Omni Ultimate+ with an arrow indicating the battery removal direction.

Internal view of the Omni Ultimate+ showing the arrangement of its high-capacity battery cells.

SETUP

Initial Charge

Before first use, fully charge your Omni Ultimate+ using the included 65W GaN charger. Connect the charger to the DC input port. The OLED display will show charging status and battery percentage. A full charge typically takes about 3 hours.

Understanding the OLED Display

Industry first removable battery

Omni Ultimate+ offers the industry's first removable battery.
Replace batteries once depleted guaranteeing power longevity
and capacity. A trailblazing, large-capacity power bank that will power
your adventures for years to come.

Close-up of the Omni Ultimate+ OLED display showing real-time metrics such as status icons, power input/output, battery temperature, and remaining time.

The OLED display provides critical information at a glance:

- **Status Icons:** Indicate active ports (AC, USB, DC).

- **Power Input (watts):** Shows the current power being drawn by the device for charging.

- **Battery Power Output (watts):** Displays the power being delivered to connected devices.

- **Battery Temperature:** Monitors the internal temperature of the battery.

- **DC Output Voltage:** (When DC output is active) Shows the set voltage.

- **Battery Percentage:** Current charge level of the battery.

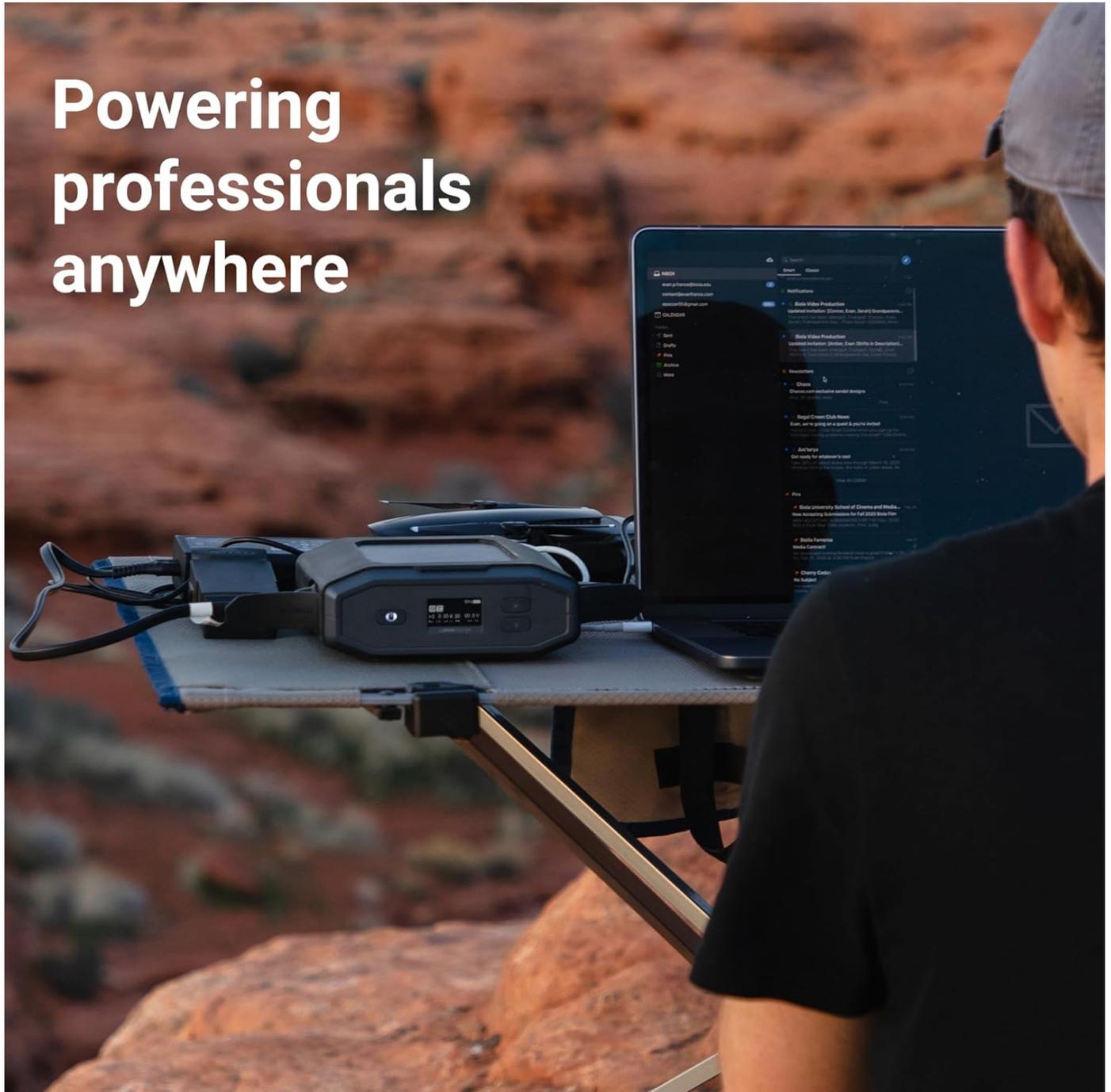- **Time Remaining:** Estimated time until full charge or depletion based on current usage.

Use the function buttons next to the display to navigate through menus and adjust settings like DC output voltage or view detailed battery status.

OPERATING INSTRUCTIONS

Powering On/Off

Press the power button once to turn on the device and activate the display. Press and hold the power button for 3 seconds to turn off the device.

Using the AC Output

The Omni Ultimate+ connected via its AC port to charge a laptop power adapter and a drone.

To use the AC outlet, ensure the Omni Ultimate+ is powered on. Plug your device's AC adapter into the AC outlet on the power bank. The display will show the AC icon and the power output in watts. The AC output supports up to 120W.

Using DC Output

The DC port can be configured for various output voltages to charge compatible devices. Navigate the menu using the function buttons to select the desired DC voltage. Connect your device using an appropriate DC cable (sold separately). The DC output supports up to 100W.

USB-C and USB-A Charging

Simply connect your USB-C or USB-A compatible devices to the respective ports. The Omni Ultimate+ will automatically detect and deliver the optimal charging power. The USB-C ports support Power Delivery (PD) up to 100W each, and the USB-A ports support Quick Charge 3.0 up to 22.5W each.

Pass-Through Charging

The Omni Ultimate+ supports pass-through charging, meaning you can charge the power bank itself while simultaneously charging other devices connected to its output ports. This allows for continuous power delivery without interruption.

Recharging the Omni Ultimate+

The Omni Ultimate+ recharging itself while also charging drone batteries, illustrating its fast and flexible recharging capabilities.
The Omni Ultimate+ can be recharged via its DC input port using the included 65W GaN charger, or compatible solar panels (up to 45W), or 12V car power ports. Ensure the input source provides sufficient power for efficient charging.

MAINTENANCE

Battery Care

- For optimal battery life, avoid fully discharging the power bank frequently.

- If storing for extended periods, charge the battery to approximately 50-70% and store in a cool, dry place. Recharge every 3-6 months to prevent deep discharge.

- The removable battery feature allows for easy replacement if battery degradation occurs over time.

Cleaning

Wipe the exterior of the device with a soft, dry, lint-free cloth. Do not use abrasive cleaners, solvents, or harsh chemicals. Ensure all ports are free of dust and debris.

TROUBLESHOOTING

- **Device not turning on:** Ensure the battery is charged. Press and hold the power button for 3 seconds to attempt a reset.

- **Device not charging:** Check if the charging cable and adapter are securely connected and functioning. Try a different outlet. Ensure the input source meets the power requirements.

- **Connected device not charging:** Ensure the Omni Ultimate+ has sufficient charge. Check if the correct output port is being used and if the cable is compatible and securely connected. Verify the power requirements of your device do not exceed the Omni Ultimate+'s output capabilities.

- **OLED display not working:** Try pressing the power button briefly to wake the display. If the issue persists, attempt a device reset by holding the power button for an extended period (e.g., 10 seconds).

- **Overheating:** If the device feels excessively hot, disconnect all devices and allow it to cool down in a well-ventilated area. Avoid using the device in direct sunlight or enclosed spaces.

For persistent issues, refer to the official Omnicharge support resources or contact customer service.

SPECIFICATIONS

Diagram showing the dimensions of the Omni Ultimate+ power bank: 6.5 inches length, 5.71 inches width, and 2.09 inches height.

Feature	Detail
Product Dimensions	6.5 x 5.71 x 2.09 inches
Item Weight	3.08 pounds
Item Model Number	P2F
Battery Type	1 Lithium Ion battery required (removable)
Battery Capacity	38400 Milliamp Hours (142Wh)
AC Output	120W Max
DC Input/Output	100W Max (Adjustable Voltage)
USB-C Output	2x 100W Power Delivery
USB-A Output	2x 22.5W Quick Charge 3.0
Manufacturer	Omnicharge Inc.
Date First Available	July 15, 2019

WARRANTY AND SUPPORT

Omnicharge products typically come with a limited warranty covering manufacturing defects. For specific warranty terms and conditions, please refer to the official Omnicharge website or the warranty card included with your product.
For further assistance, technical support, or to download the official PDF user manual, please visit the Omnicharge support page or contact their customer service directly. You can also find the PDF user manual here.