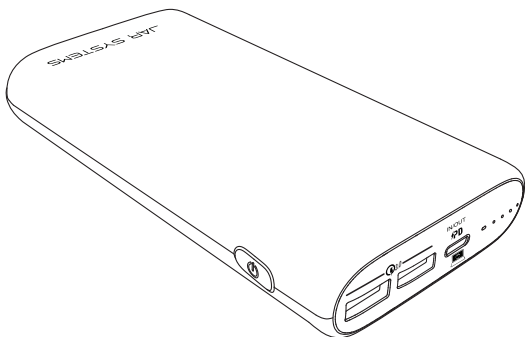


JAR SYSTEMS

Active Charge Power Bank

User Manual

Version A



(866)393-4202 | www.JAR-Systems.com/Support

Thank you for your purchase!

Please read this user manual carefully and keep it for future reference. If you need any assistance, please contact our support team. For a copy of the most up-to-date manual, visit:

www.JAR-Systems.com/Support

Call: (866) 392-4202

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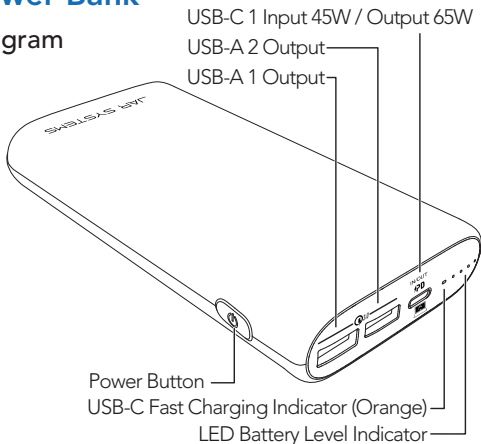
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Power Bank

Diagram



Specifications

Part Number	A4-USBC-PB
Technology	USB Power Delivery 3.0 and Qualcomm® Quick Charge™ 3.0
Capacity	20000mAh 74Wh
Battery Type	Lithium-ion
USB-C 1 Input	(45W Power Delivery 3.0) 5V=3A/9V=3A/12V=3A/15V=3A/20V=2.25A
USB-C 1 Output	(65W Power Delivery 3.0) 5V=3A/9V=3A/12V=3A/15V=3A/20V=3.25A
USB-A 1 Output	(Quick Charge 3.0)
USB-A 2 Output	5V-V=3A/6V-9V=2A/9V=1.5A
Max Power Output	65W
Dimensions	6.17" x 2.91" x 0.98" 156.7mm x 74mm x 25mm
Weight	13.6 oz 385.55 g

Technology

What is USB PD (Power Delivery)

USB Power Delivery is a universal multi-voltage charging standard that enables the maximum functionality of USB. It provides flexible power delivery bidirectionally, along with data, through a single cable to recharge a wide range of compatible devices safely and efficiently.

What is Required for USB PD

- Electronic devices that have a USB PD compatible port. (Power bank, laptop, tablet, phone, etc.)
- A power source with USB PD compatible port. (Adapt4 USB-C Charging Station, wall charger, etc.)
- A USB PD compatible cable to connect the power source to the electronic device. (USB-C or Thunderbolt cables)

What is Quick Charge 3.0?

Quick Charge 3.0 charges compatible devices up to four times faster than conventional charging. It is engineered to refuel devices twice as fast as Quick Charge 1.0 and is up to 38% more efficient than Quick Charge 2.0. It is backward compatible with Quick Charge 2.0/1.0 devices.

Getting Started

Charging the Power Bank

Fully charge the power bank before the first-time use.

- Connect a USB-C cable to a USB PD power source such as the Adapt4 USB-C Charging Station or a wall charger.
- Connect the other end to the power bank's USB-C port.
- The LED battery level indicator lights will flash white indicating the power bank is charging.
- Unplug the power bank when fully charged, indicated by all LED battery level indicator lights staying solidly white.

Charging A Device

- Connect a charging cable to a device's charging port.
- Connect the other end of the cable to a compatible port on the power bank, charging cables need to be either USB-A or USB-C port compatible. (Larger devices such as a laptop will need to be connected to the USB-C port to be able to charge.)
- Turn on the power bank by pressing the power button.
- Unplug the device when it is fully charged.
- To check the remaining power bank level, press the power button and the LED battery level indicator lights will indicate the remaining amount.

Low-Current Charging Mode

Designed to charge low-current devices (60mA or less). Try switching to this mode if a low-powered device (such as wireless headphones or a fitness tracker) is not charged using the default fast-charge mode.

- Press and hold the power button for 2 seconds to enter low-current charging mode.
- The LED battery level indicator light nearest the USB-C fast charging indicator will turn green, while the other lights will stay white.
- After 2 hours of charging in this mode, the power bank will automatically switch back to the default fast-charge mode and turns off.
- Press and hold the power button for 2 seconds to end low-current charging and enable the default fast-charge mode.
- Unplugging and re-plugging in the charging cable from the power bank will also exit low-current charging mode.
- Charging in low-current charging mode will not harm the connected device's battery.

Product Use & Care

Warnings

Best Practices

- Do not charge a device while recharging the power bank.
- Recharge the power bank at least once every 3 months.

To avoid possible injury:

- Do not crush or puncture the power bank.
- Do not expose the power bank to water or other liquids.
- Keep the power bank away from fire and extreme heat.
- Do not open, disassemble, or service any internal parts of the power bank.
- Stop using the power bank if it is damaged, or if you notice any discharge or the buildup of foreign materials anywhere on the power bank.

Symbols and Meanings



Batteries, electrical, and electronic equipment marked with the symbol of a crossed-out wheeled bin may not be disposed of as unsorted municipal waste. When disposing of the power bank, comply with local laws or regulations for battery disposal.



European Union conformity – for Class B products that do not have any models with wireless

devices This product is in conformity with the protection requirements of EU council directive 2014/30/EU on the approximation of the laws of the member states relating to electromagnetic compatibility.

JAR Systems cannot accept responsibility for any failure to satisfy the protection requirements resulting from a non-recommended modification of the product, including the installation of options cards from other manufacturers.

Warranty

For questions, support, or warranty claims, contact JAR Systems customer support team.

Charge Non-USB-C Devices

Available Charging Emulator Cables

Connect and charge older, non-USB-C devices to USB PD ports with USB-C PD emulator cables. Listed below are just a few of the compatible models of each charging emulator tip that fit into devices power adapter charging port.

Compatibility	Part Number	Emulator Tip
Acer Chromebook C72	A4-UCAC-C72	3.00 x 1.10 mm
Apple Macbooks, tablets, iPhones,	A4-UCAP-LGN	Lightning
	A4-UCAP-MS1	MagSafe 1
	A4-UCAP-MS2	MagSafe 2
Asus Chromebook C20	A4-UCAS-C20	4.00 x 1.35 mm
Dell/HP Chromebook C11	A4-UCDL-C11	7.40 x 5.08 mm
HP Chromebook C13	A4-UHP-C13	4.50 x 3.00 mm
Lenovo ThinkPad 11E Chromebook, N21 Chromebook, X131 Chromebook,	A4-UCLN-11E	Rectangle 'Slim Tip' 11 x 4.50 mm
	A4-UCLN-N21	4.00 x 1.70 mm
	A4-UCLN-X131	7.90 x 5.55 mm
Microsoft Select Surface models	A4-UCMS-SF2	5-Pin Magnetic

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