DISCLAIMERS: READ BEFORE USE

Acknowledgment: By using this product, you always confirm that you have thoroughly read and understood the manual, including all instructions, warnings, and disclaimers. If you do not agree with the terms, you must immediately stop using the product and contact OmniCharge for assistance.

Warning: Please refer to the official OmniCharge website at **https://www.omnicharge.co/pages/warranty-policy** for the latest and most up-to-date warranty policy, including any updates or changes.

Warranty Limitations: TO THE FULLEST EXTENT PERMITTED BY LAW, THE WARRANTY AND THE REMEDIES SET FORTH ABOVE ARE EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES, REMEDIES AND CONDITIONS, WHETHER ORAL OR WRITTEN, STATUTORY, EXPRESS OR IMPLIED. TO THE FULLEST EXTENT PERMITTED BY LAW, OMNICHARGE SPECIFICALLY DISCLAIMS ANY AND ALL STATUTORY OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, AND NON-INFRINGEMENT. IF OMNICHARGE MAY LEGALLY ISSUE A WARRANTY OR WARRANTY OBLIGATION WITHIN THE FULL EXTENT OF THE LAW, THE SCOPE OF ANY WARRANTY OR WARRANTY OBLIGATION IS LIMITED TO THE ONE (1) YEAR LIMITED WARRANTY PROVIDED ON THE PRODUCT'S ORIGINAL PURCHASE DATE.

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Environmental Compliance: You are responsible for complying with local regulations for product disposal at the end of life. We are not liable for any harm caused by improper disposal.

Modifications: In the event that any clarification or amendment of interpretation is needed, the first version and versions before the applicable version shall be deemed to be more reliable than any subsequent versions, unless such subsequent versions are more favorable to the customer as permitted by the applicable laws.

Omni Power Station

The Omni Power Station is an all-in-one power solution that distributes power wherever and whenever needed. The Omni Power Station is an intelligent, forward-thinking organization that understand the need to adapt to the ever-changing world. Its people so they can stay powered anywhere, on or off the grid, and be prepared for fixed infrastructure outaments.

WHEN SETTING UP THE POWER STATION

Do not place the Power Station in an enclosed space. Ensure adequate ventilation around the unit and maintain a distance of at least 30cm between each Power Station.

Do not stack the Power Station in an environment where heat accumulation may occur, as this can impair ventilation and lower performance and safety. Optimal humidity: 85-10%.

POWER STATION SAFETY & HANDLING

The maximum power for each Power Station is 4000W. Please use a cooker that is suitable for this power rating and avoid overloading.

Please use the original power cable and avoid using other brands or models. Inappropriate power cables may damage your Power Station or pose safety risks.

Avoid bending or crushing the power cable, as repeated stress can weaken it and increase the risk of damage or malfunction. Keep the cable intact.

The Power Station must be grounded. Never operate your Power Station in the absence of a suitably installed ground conductor.

AVOID PLACING THE POWER STATION:

WHEN STORING THE POWER STATION

If your Power Station is/ will be not in use for more than a week, we recommend turning them off.

POWER STATION SAFETY & HANDLING — PLACING & STORING

Shut off the Power Station power, disconnect the power cable and power down the BCU.

Store the Power Station in a cool and dry location. The optimal storing temperature is 25°C (77°F), and humidity is 35-75%.

Before storing your Power Station, disconnect it, remove the BCU, and power them down. Use a dry cloth to remove any moisture.

Avoid liquid and opening unit near towels.

Failure to follow these safety instructions can result in fire, electrical shock, injuries, or damage to your Power Station or other property. Improper maintenance of the Power Station may cause overheating, fire hazards, or battery cells, and may void your warranty.

Before setting up your Power Station, make sure you have a suitable location. Do not place the Power Station indirect sunlight, near to an active heat source, or in an environment that is excessively dusty.

Place the BCU into the open bays with the Power Station. Ensure they are aligned and all the bays fully seated.

Plug the AC power cable into the back of the Power Station, and connect it to a power outlet.

Turn the power button at the back side of the Power Station to turn it on.

Connecting the BCU to the charging bay should require no force. Ensure they are aligned before pushing them into the slot and avoid forcing. Incorrect fit may damage the charging bay.

SETTING UP THE POWER STATION

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Omni Power Base

The Omni Power Base is an essential component of the BCU's system, designed to provide reliable power in offices, workstation, and mobile environments. Available in Single and Dual configurations, it ensures seamless power for critical tasks.
The built-in DC-AC inverter supports AC devices and dual USB-C outputs for fast charging, whether in high-demand or mobile setups, the Omni Power Base offers flexibility and reliability. It's ideal for both individual users and teams needing consistent power over extended periods.

WHEN SETTING UP THE POWER BASE:

Use only the official mounting accessories to secure the Power Base. Improper mounting may lead to the risk of the unit falling or being damaged.

Do not place the Power Base in an environment where heat can easily accumulate, this will cause the internal temperature to rise and affect performance. Ensure adequate ventilation.

SAFETY & HANDLING

Install the Power Base in a dry location, away from high humidity or moisture and outdoor or internal environments. Exposure to moisture can damage the unit and pose safety risks.

Inspect the Power Base and the BCU for any damage before use. If damage occurs, stop using it and do not repair it. Do not open or modify the unit. Contact your supervisor immediately and request a replacement.

The Power Base AC output generates the same potentially lethal AC power as a normal household wall outlet. Please use it carefully and follow safety precautions to avoid electrical shock or injury.

The Power Base is not user-serviceable. Do not attempt to replace or modify the Power Base yourself. Use only authorized components, compatible battery packs, and approved chargers. Unauthorized repairs or parts may damage the product and pose safety risks.

Always use BCU batteries with the Power Base. Connecting incompatible power sources or devices may cause damage to the unit or a potential explosion.

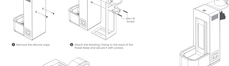
Do not block or obstruct the battery slot with foreign objects, particularly metal items, as this may cause a short circuit. Ensure the battery slot is clean and free of debris before connecting to the secure and properly aligned.

Do not connect any combination of electrical devices that collectively exceed a power rating of 4000W. Exceeding the 4000W rating may cause malfunction or permanent damage to the Power Base.

ELECTRICAL SAFETY

The Power Base is equipped with a temperature controller for fan cooling. **Do not block the ventilation holes** to ensure proper airflow and prevent overheating.

In the event of a fire malfunction or inadequate cooling, the unit's temperature protection will activate, automatically reducing power output to approx. 600W. The fan will continue operating even powered off to ensure safe cooling. If the unit shows signs of overheating, such as a burnt smell or high temperature, the AC output will resume normal operation.



STEP 1
Place the Power Base in a dry, well-ventilated area. Ensure the power button is accessible and the ventilation holes are not obstructed. Avoid placing near heat mounting equipment.

STEP 2
Align the BCU battery slot with the Power Base's bay. Gently push the BCU into the bay until it is fully seated. Ensure the battery connects to the internal connector for stable power delivery.

STEP 3
Turn on the BCU. Illegal battery connection will cause the BCU to shut down. Only proceed if the battery is correctly connected and you can hear the BCU's fan start.

STEP 4
Wait until the big one fan stops spinning. Connect your AC devices to the AC outputs. Ensure total power consumption does not exceed 4000W. Do not block the ventilation holes during operation.

STEP 5
Hot Swap Batteries: To replace a battery, first disconnect the AC output and power off the Power Base. Remove the battery with care and insert it gently into the Power Base. Avoid forcing the battery.

CAUTION

Never insert a battery into the Power Base too forcefully. Hot swapping the connector pins. Always handle the battery with care and insert it gently into the Power Base.

SETTING UP THE POWER BASE

80C+ SAFETY & HANDLING

Failure to follow these safety instructions can result in fire, electrical shock, injuries, or damage to your Power Station or other property. Improper use of the Power Station may cause overheating, fire hazards, or battery cell damage, and may void your warranty.

Inspect the BCU for any signs of damage before use. If damage is present, do not use it. Contact your supervisor immediately and request a replacement.

The BCU may be damaged if exposed to moisture or water. Avoid exposing the BCU to rain, water, or other liquids. If the BCU gets wet, do not use it. Contact your supervisor immediately.

Do not place or use the BCU in environments where temperatures exceed the manufacturer's recommended operating range. Exposure to extreme temperatures can lead to battery or damage.

NOTICE:

The BCU may be damaged if exposed to extreme impact or vibration. Avoid dropping, bending, or subjecting the BCU to any other mechanical stress. Handle the BCU with care and store it in a stable, protective environment.

Repairs of your devices battery through an unauthorized third-party may compromise safety and void your warranty. Contact support@omnicharge.co for assistance and authorized repairs.

FUNCTIONS

POWERING WITH OMNI POWER BCU+

Connecting BCU+ to the Power Base

The BCU+ functions as the primary power source for Power Base and other devices. It features a 1000W AC output and a designed DC output port, ensuring stable power delivery for critical equipment.

To connect the BCU+ to the Power Base, use the provided USB-C cable, ensuring the cable meets specifications to support standard plug configurations used by typical electronic devices.

System Setup and Power Delivery

The Power Base can be configured to prioritize installation sites ideals or other authorized using a dedicated mounting system, which ensures a stable and professional setup.

To operate, ensure both the BCU+ and Power Base are powered on. Once the battery is plugged into the dock, AC output will start automatically.

Power Base Models

The Power Base is available in two models tailored to different power requirements:

NOTICE:

Ensure the battery is being used as the power source or has a charging bay plugged into the power base. Failure to do so will result in the power boost function to be turned off automatically to activate.

Power Boost
Activate power boost for uninterrupted power delivery, ideal for critical equipment or applications requiring extended runtime. Power boost automatically activates when a charging bay is connected and the battery is in use, ensuring continuous power for critical applications.

Recharging Your BCU+

Return the BCU+ to the Power Base charging bay for optimal recharge. A battery over should signal of its charging status through its indicator lights.

Balanced Battery Charging Mode

Upon reaching full 100% charge, the BCU+ will automatically discontinue power boost.

To ensure optimal battery health, it will power for an extended period, the system will automatically activate. Please ensure that it is turned off to prevent unnecessary battery wear. With charge, as the processes will resume automatically.

Battery Health Monitoring

The Power Base features a sophisticated battery management system. It actively monitors battery health and adjusts the charging process accordingly to ensure optimal performance and longevity.

You'll be notified on screen if potential issues arise to prevent damage to the battery. This proactive approach helps maximize the battery's lifespan and ensure reliable performance.

Battery Care
To maintain optimal battery health, it's recommended to avoid prolonged exposure to extreme temperatures and high humidity. Regular maintenance, such as keeping the battery clean and ensuring proper ventilation, can further extend the battery's lifespan.

PORTS & POWER

HUB
Ethernet Port
USB-C
Downstream Ports
USB-A x 2, USB-C x 1
Max 60W (Fast Charge)
Upstream Ports
USB-C
Max 100W (Fast Charge)

CAPACITY
2000W (1000Wh)@25C(77°F)

DC PORT
Max 500W (Low Slow)
Max 1000W (Fast Charge) (Only on battery)
Max 1000W (Low Slow) (Only on battery)

USB-C
Max 100W (Fast Charge) (Only on battery)

AC OUTLETS
Max 1000W (Low Slow), 1000W (Fast Charge) (Only on battery)
Max 1000W (Low Slow) (Only on battery)

AC PORT
Max 1000W (Fast Charge)
Max 1000W (Low Slow)

Where to Find the Pi Address Number and Serial Number of your product.

BCU+: Slide BCU+ is engaged with a charging bay to find the serial number.

You can also find the Serial Number of each BCU+ in the About section of the menu.

TECHNICAL SPECS

MADE IN CHINA
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OMNI POWER BASE BCU+ (80W)
Weight: 1.8kg (3.9 lbs)
Dimensions: 20 x 10 x 10 cm (8 x 4 x 4 in)
Combined output of power: 80W

AC PORT
4 prong: 4W(50/60Hz, 2.5A, 200W-MAX)
3 prong: 4W(50/60Hz, 2.5A, 200W-MAX)
2 prong: 4W(50/60Hz, 2.5A, 200W-MAX)
5 prong: 4W(50/60Hz, 2.5A, 200W-MAX)

OPERATING ENVIRONMENT
Temperature: 0-40°C
Humidity: 5-95%
Altitude: ≤ 2000 m

OMNI POWER BASE BCU+ (80W)
Weight: 1.8kg (3.9 lbs)
Dimensions: 20 x 10 x 10 cm (8 x 4 x 4 in)
Combined output of power: 80W

USB-C PORT
Max 100W (Low Slow), 5V, 1A, 9V, 3A, 15V, 1A, 20V, 5A, 100W-Max
Max 60W, 48W (Low Slow)
Max 100W (Fast Charge)
Max: 5V, 3A, 9V, 3A, 15V, 3A, 20V, 5A, 100W-Max

OPERATING ENVIRONMENT
Temperature: 0-40°C
Humidity: 5-95%
Altitude: ≤ 2000 m

NOTICE:

Ensure the battery is being used as the power source or has a charging bay plugged into the power base. Failure to do so will result in the power boost function to be turned off automatically activate.

Where to find the Serial Number of your product.

TROUBLESHOOTING
How to get in contact with us

Contact us if you encounter any technical problems or if you have any inquiries about your Power Base (please contact us via:

support@omnicharge.co

Before getting in contact with us, please make sure to prepare the information below so that we can give the best service and have a quicker response time:

- The Power Base Serial Number
- The BCU+ Serial Number
- Purchasing information (Receipt, PO, Order ID.)

Our company is passionately pursuing innovation. OmniCharge is constantly refining its products to better meet your needs. Visit our website to learn more about upcoming updates and stay tuned for exciting enhancements.

www.omnicharge.co/pages/contact-faq

If you can't find what you are looking for, please contact us via support@omnicharge.co

Scan to go to the troubleshooting page

RACING & STORING

Before cleaning or storing the Power Base, disconnect it, remove the BCU, and power them down. Use a dry cloth to remove any moisture.

Avoid liquid and opening unit near towels.

Failure to follow these safety instructions can result in fire, electrical shock, injuries, or damage to your Power Base or other property. Improper maintenance of the Power Base may cause overheating, fire hazards, or battery cell damage, and may void your warranty.

FUNCTIONS

TECHNICAL SPECS

OMNI POWER BASE BCU+ (1000Z)
Weight: 10kg (22 lbs)
Dimensions: 40 x 20 x 20 cm (16 x 8 x 8 in)
Combined output of power: 1000W

AC PORT
4 prong: 4W(50/60Hz, 2.5A, 1000W-MAX)
3 prong: 4W(50/60Hz, 2.5A, 1000W-MAX)
2 prong: 4W(50/60Hz, 2.5A, 1000W-MAX)
5 prong: 4W(50/60Hz, 2.5A, 1000W-MAX)

OPERATING ENVIRONMENT
Temperature: 0-40°C
Humidity: 5-95%
Altitude: ≤ 2000 m

NOTICE:

Ensure the battery is being used as the power source or has a charging bay plugged into the power base. Failure to do so will result in the power boost function to be turned off automatically activate.

Where to find the Serial Number of your product.

Power Base(Single/Dual) Serial Number is engraved with a Serial Number located at the Bottom side.

TROUBLESHOOTING
How to get in contact with us

Contact us if you encounter any technical problems or if you have any inquiries about your Power Base (please contact us via:

support@omnicharge.co

Before getting in contact with us, please make sure to prepare the information below so that we can give the best service and have a quicker response time:

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SPECIFICATION

Weight: 10 kg (3.66 lbs)
Male: 10 kg (3.66 lbs)
Female: 10 kg (3.45 lbs)
Dimensions:
Male: 20.5 x 10.5 x 4.5 cm (8.0 x 5.5 x 1.8 in)
Female: 18.5 x 10.5 x 4.5 cm (7.3 x 5.7 x 1.8 in)

SPECIFICATION

Weight: 10 kg (3.66 lbs)
Dimensions: 30 x 20 x 10.4 cm (16.2 x 8 x 4 in)