

12-45V 10A(MAX)

EBL®

Thank you for purchasing PS-CL036C182US portable power station. To make sure your personal safety, property security and user experience, please read this manual carefully before operating, and retain it for future reference.

- EBL -

A CHARGE FIRST!

Before using your new Power Station PS-CL036C182US, plug it into a suitable power outlet until it is fully charged. Highly recommend charging 2000W Power Station When battery indicates less than 20%. Then you can start your exciting journey with it.

English **■** Feature Details -----−EBĽ − 1. LCD Screen Button 10. DC Output Ports

2. LCD Screen 11. USB-A Output Ports 3. DC Input Indicator 12. AC Output Button 4. 12-65V DC Input 13. Floodlight Anderson Input 14. Floodlight Button 6. USB-C Output Ports 15. Handle Cover

Note: No user-serviceable parts inside. Recommend to fully charge the PS-CL036C182US before use.

8. DC Car Charger Output

7. AC Output Ports

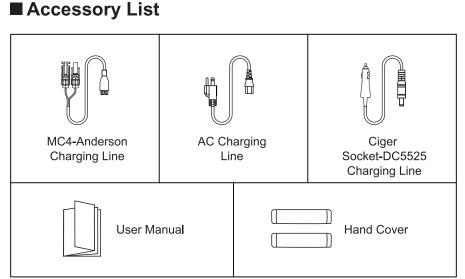
9. DC Output Button

- 01 -

16. Power Earth

17. Reset Switch

18. AC Input Ports



Recommend to use 100W/200W/300W/400W solar panel (not included).

■ Function Buttons

- LCD Button: Press the LCD button to check the battery level. To turn on/off the LCD display, just press the LCD button.
- DC Button: Open -- press the DC button, the DC output indicator light will be on, the LCD screen will be opened. Close -- press the DC button.
- AC Button: Open -- press the AC button, the AC output indicator light will be on, the LCD screen will be opened.
- Close -- press the AC button. • Floodlight Button: Mode 1: Bright Light Mode (first press) -- Bright Light Mode (second press) -- Low light Mode (third press)

-- Off (fourth press) Mode 2: Flashing /SOS mode (press twice continuously) -- Off (then press once)

- 02 -

- 03 -

and DC outputs are synchronized.)

AC output 50/60HZ switching mode: Press and hold the AC button for 5S to switch frequency 50/60HZ Overload symbol display: When the output of each port has short circuit/overcurrent protection protection, the output will be turned off immediately, and the symbol will flash for 5S to indicate the output is abnormal. Input Overvoltage symbol display: When the DC/ Anderson port voltage is greater than 70±2V, the charging will stop, and the LCD will display the overvoltage protection icon. After the input voltage returns to normal, it will automatically resume charging, and the overvoltage protection icon will not be displayed. Low temperature symbol display: Product is under charge/discharge low-temperature protection, the symbol flashes and the charge/discharge is stopped. After the low-temperature protection is released, the icon will not be displayed, and normal charge and discharge will automatically resume. High temperature symbol display: product is under

charge/discharge high-temperature protection, the symbol flashes and the charge/discharge is stopped. After the

high-temperature protection is released, the icon will not be displayed, and normal charge and discharge will automatically resume. System symbol display: The symbol shows: always bright display-system upgrade; close the display after the system upgrade is completed.-Flashing display-system failure; turn off the display after the failure is resolved.

Mute symbol display: Double-click the LCD button to turn off the buzzer sound function, double-click the LCD button again to turn on the buzzer sound function. **UPS symbol display:** When the product enters the UPS working state, the symbol is lit and displayed, and after the

mode. As long as there is a charging connection, the time will product exits the UPS working state, the symbol is not (Description: Energy saving mode or continuous mode, for AC Ground symbol display: This symbol shows: enter the grounding mode state; close the display after release.

- 04 -

■ UPS Mode

• UPS Function This product has the bypass mode, does not need to pass through the

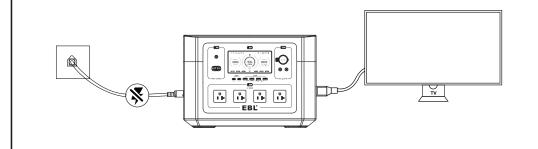
battery, can directly output from the AC. In UPS mode, when the AC input power of the mains is cut off due to a power outage, the ac input power of the mains can be used in about

automatic switch to the product battery within 10 ms to ensure AC output. UPS Connections As shown in the figure below, connect the product between the socket on

the wall and the electrical appliances, and the power of the product is in the ON state. When you turn on the power of the electrical appliances, it will directly use the AC power of the power grid.

In this state, when the power grid is cut off, it will automatically switch to the product's internal battery to supply power.

※In UPS mode, the maximum power output of AC is below 1800W. XIn UPS mode, if the AC output exceeds 1800W, the AC output icon " will blink, indicating overload.



- 05 -

Weight (Including Accessories) 20kg Product Size 278*400*274mm Input Recharging Input Voltage AC 100-120V Recharging Input Power 1800W(Max) Solar Charge Input 12-65V 10A 650W ☐ Car Charger 12V==10A 24V==10A Output AC Output Voltage 110V 60Hz DC55*2.5 Output 13.3V == 10A DC Car Charger Output AC Rated Power 2000W AC Peak Power 4000W AC Output Waveform Pure Sine Wave 5V==3A 9V==2A 12V==1.5A USB-A1---USB-A4 Output 18W Each port Total 40W 5V==3A 9V==3A 15V==3A 20V==5A ♥ USB-C1/USB-C2 Output 100W Each port Total 200W ★ Total DC and AC Output ≤2000W Battery Standard Capacity Cells 46.8V/44800mAh Discharging Temperature -10-40°C 0-40°C Recharging Temperature

- 06 -

rather than the cord when disconnecting the power pack.

in fire, explosion, or risk of injury.

these products and on engines.

k) PERSONAL PRECAUTIONS

eyes while working near the battery.

skin, clothing, or eyes.

before attempting any instructed servicing.

j) WARNING – RISK OF EXPLOSIVE GASES

output cable.

of fire or electric shock.

f) Do not use a battery pack or appliance that is damaged or modified.

Damaged or modified batteries may exhibit unpredictable behavior resulting

g) Do not operate the power pack with a damaged cord or plug, or a damaged

h) Do not disassemble the power pack, take it to a qualified service person

when service or repair is required. Incorrect reassembly may result in a risk

i) To reduce the risk of electric shock, unplug the power pack from the outlet

1) To reduce the risk of battery explosion, follow these instructions and those

published by the battery manufacturer and manufacturer of any equipment

you intend to use in the vicinity of the battery. Review cautionary marking on

1) Have plenty of fresh water and soap nearby in case battery acid contacts

2) Wear complete eye protection and clothing protection. Avoid touching

2096.64Wh

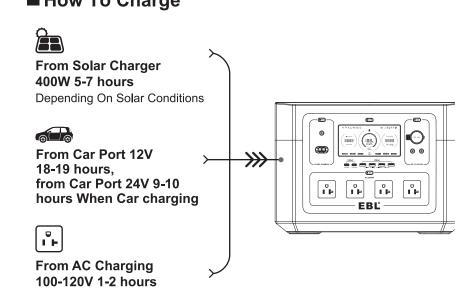
■ General Specifications

General Specs

Rated Capacity

Weight (Net Weight)

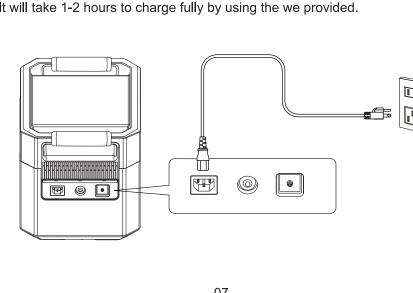
■ How To Charge

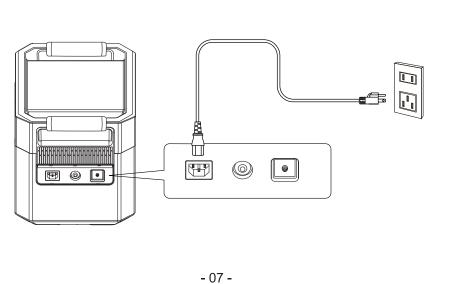


▲ It is recommended to fully charge PS-CL036C182US every 3 months to maintain the health of the battery pack.

■ AC Charging

It will take 1-2 hours to charge fully by using the we provided.

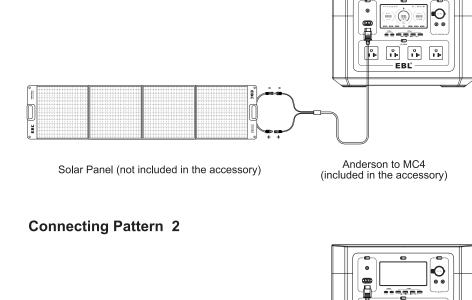




■ Solar Panel Charging

2. Place Solar Panels in direct sunlight as much as possible. depends on the solar light intensity. If the solar panels produce 400 watts of the power then it can be fully

Connecting Pattern 1



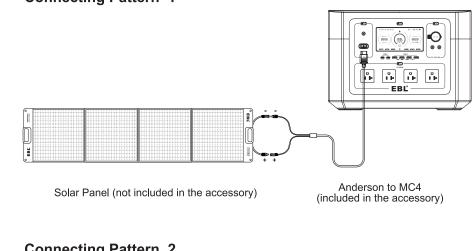
Solar Panel (not included in the accessory)

Solar Panel (not included in the accessory)

1. DO NOT charge the unit via solar panel that operate voltage exceeding

3. Support 650Max solar input(solar panel not included); the charging time

charged within 5 hours.



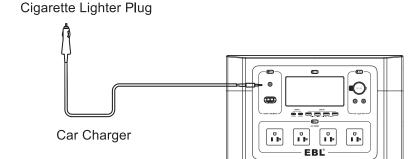
Anderson to MC4 ncluded in the accessory)

- 08 -

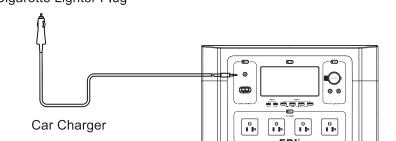
■ 12V Car Charger Charging

Use the 12V Car Charger we provided to charge this unit. The full charge time takes 18-19 hours, use the 24V car charger, the full charge time takes

indicates that this unit is fully charged.



9-10 hours. When the LCD display shows the battery power of 100%, it



- 09 -

of direct sunlight. • **DO NOT** charge, use or store the unit in a bathroom or in an area exposed to rain or moisture. Do not drop the unit into the water. If the battery in the unit comes into contact with water, it may cause chemical decomposition

- abnormal, contact us to get support. Never install or remove a battery from the unit when it is turned on. • **DO NOT** use the batteries in strong electrostatic or electromagnetic
- cause a serious accident. Never disassemble or pierce the product in any way. Otherwise, it may
- recommended to use fire extinguishing equipment in the following: sand, fire blanket, dry powder, carbon dioxide fire extinguisher. Do Not allow pins, wires or other metal pieces to insert to the device
- case, outlets or controls. Metal pieces may short circuit the product. Avoid collision. DO NOT place heavy objects on the machine.
- Otherwise, it will cause abrasion and result in energy loss or inability to

■ Safety Instructions

Read the following instructions to ensure safety before using. Improper use may result in fire, property damage or personal injury.

Product Use:

• **DO NOT** use any inappropriate power cords. • DO NOT place the unit close to or in a fire on expose it to heat. Keep out

- of the battery. This may cause the battery to catch fire or explode. Never use or charge swollen, leaky, or damaged batteries. If your battery is
- environments. Otherwise, the battery control board may malfunction and
- leak, catch on fire, or explode.
- **DO NOT** use the product if it was involved in a crash or a heavy bump. • If the product falls into the water during use, take the product out immediately and put it in a safe and open area. Keep a safe distance from it until it is completely dry. Never use it again and dispose it properly as described in the Battery Disposal section below. If the product catches fire, it is
- Use and store the unit only in a clean and dry environment. Do not use and store in dusty and wet environment. If there is dirt on any plug or outlet surface, use a dry cloth to clean it.
- **DO NOT** put the machine in a microwave oven or in a pressurized container.

- 10 -

A Product Recharging:

■ Troubleshooting Guide

temperature. (0-40°C / 32-100°F)

following steps:

lighting -

DC O

If the power station cannot charge or power devices, please check the

• Make sure the appropriate DC or AC output is turned on and that the LED

• Check the battery capacity. If it is lower than 5%, please recharge the power

• Make sure the power consumption does not exceed the rated power of the

Do not operate the power station outside the allowable operating

USB-C display: Output display of USB-C.

USB-A display: Output display of USB-A.

DC display: DC input/output display.

the battery power is greater than 5%.

Fan display: When the internal fan start condition is

reached, the product will automatically turn on the fan, and

Low battery symbol display: When the battery power is

product is in low power, and the symbol disappears when

Energy-saving mode: When the output is less than 10W, the

mode. The moon icon lights up. Continuous mode: Press and

hold the LCD button for 5S to turn on the continuous mode,

the moon icon disappears, and short press again to exit this

not be counted in the energy-saving mode. After unplugging,

the time will be re-timed for 8H and the load will be reversed.

8H will automatically unload and enter the energy-saving

less than 5%, this symbol flashes to indicate that the

the LCD will display the fan icon. When the fan stops, the fan

Floodlight display: Light on display.

If an error is observed, refer to the following Chart.

icon is not displayed

AC U AC display: AC input/output display.

• **DO NOT** charge the unit via power supply systems that operate outside

- of AC 100-125V. • **DO NOT** charge the unit via solar panel that operate voltage exceeding
- Always use approved attachment charging cables. we take no responsibility for any damage caused by using other brand charging cable. When charging, please place the product on the ground with no flammable or combustible materials around. To prevent accidents, never leave the machine unattended during charging.
- **DO NOT** charge a product immediately after a long heavy load, because the product's temperature may be too high. DO NOT charge a product until it cools down to room temperature.
- (32~104°F). The ideal charging temperature range is 71°F to 82°F (22°C to 28°C).

Reminder: If you need to charge immediately after continuous high-power discharge, do not charge if the high temperature alarm sign appears on the screen, you need to put it aside for about an hour to dissipate heat, and then charge after the temperature cools down.

- Never store the product in environments below -20°C or above 45°C.
- Fully charge and discharge the battery at least once every 3 months to maintain battery health.

DO NOT use abrasive cleaners or solvents. **DO NOT** use compressed air to clean side cooling vents, as this will force foreign particles into the internal circuitry.

- 11 -

⚠ To avoid the risk of electrical shock, **DO NOT** use metal objects to cleanports.

▲ Product Storage and Transportation:

• Keep the product out of the reach of children. If any children accidentally swallow parts, please go to a doctor immediately.

- If a low-battery warning appears, charge the battery before store it. • Store the product in dry environments. DO NOT place the product where it may contact with water.
- Make sure no small metal objects can fall on or around the product while in storage. • Never transport a product by air when battery power level higher than 30%.

■ Storage If storing for more than 1 month, charge completely before storage and

recharge approximately every 3 months to avoid full discharge and possible damage. Store indoors, in cool temperatures, mild humidity, and away from direct sunlight (See General Specifications Section). Leaving in a vehicle or other confined spaces in extreme hot.

Temperatures can lead to decreased service life, overheating, and fire. Extreme cold conditions below specific storage range can also harm PS-CL036C182US performance and service life. Keep away from corrosion chemicals and gases.

After taking out of storage, visually inspect to make sure PS-CL036C182US and all accessories look satisfactory. This increase review the intake and exhaust side vents to ensure they are clear of debris. Allow PS-CL036C182US to return to ambient conditions before recharging, or charging other devices.

■ Attention Transportation: PS-CL036C182US complies with all legal requirements for transport of dangerous goods. The capacity of the lithium battery pack exceeds 100Wh. Based on international standards, if PS-CL036C182US is transported by airplane, it must be transported in accordance with IATA standard packaging. IATA instructions and labeling requirements and the relevant

- 12 -

62109-1; The external power supply shall be a power source in accordance with the Standard UL 60950-1 and CAN/CSA C22.2 No. 60950-1, or UL 1310 and No. 1, CAN/CSA C22.2 No. 223, or No.1, CAN/CSA C22.2 No. 223; A vehicle adapter that complies with the enclosure and input contacts requirements in the Standard for Vehicle Battery Adapters, UL 2089, and Power Supplies, CAN/CSA C22.2 No. 107.1. The connector plug shall incorporate a fuse or other protective device having a current rating not greater than 15 A. INSTRUCTIONS PERTAINING TO RISK OF FIRE, ELECTRIC SHOCK, OR

INJURY TO PERSONS. IMPORTANT SAFETY INSTRUCTIONS 1. WARNING – When using this product, basic precautions should always be

a) Read all the instructions before using the product. b) To reduce the risk of injury, close supervision is necessary when the product is used near children.

d) Use of an attachment not recommended or sold by power pack manufacturer may result in a risk of fire, electric shock, or injury to persons. e) To reduce the risk of damage to the electric plug and cord, pull the plug

- 13 -

battery. It might spark or short-circuit battery or other electrical parts that may cause an explosion. I) When charging the internal battery, work in a well-ventilated area and do not restrict ventilation in any way.

contact. If contact accidentally occurs, flush with water. If liquid contacts eyes, additionally seek medical help. Liquid ejected from the battery may cause irritation or burns. n) Do not expose a power pack to fire or excessive temperature. Exposure

o) Have servicing performed by a qualified repair person using only identical replacement parts. This will ensure that the safety of the product is maintained. SAVE THESE INSTRUCTIONS.

- 14 -

and corrosion.

■ Maintenance Recharge as needed. There are no pre-designated intervals at which to recharge as long as the PS-CL036C182US is being used regularly. Avoid discharging completed on a regular basis, as this can impact overall life. Regularly inspect all ports and wall charger for any debris, dirt, damage

DO NOT attempt to fix. **DO NOT** cover the PS-CL036C182US with towels, clothing or other items. Regularly observe if the side vents are collecting dirt or dust, and clean following cleaning procedures noted in manual.

Do not place equipment and its accessories in the trash. Items must be

Copyright EBL. All rights reserved. All trademarks cited herein are the property

■ Disposal/recycle

See www.epa.gov for additional information.

properly disposed of in accordance with local regulations.

of their respective owners.

■ Statement

■ Limited Warranty We warrant to the original consumer purchaser that our product will be free from defects in workmanship and material under normal consumer use during applicable warranty period identified in the "Warranty Period" section below, subject to the exclusion set forth below. This warranty statement sets forth ours total and exclusive warranty obligation. We will not assume, not authorize any person to assume for us, any other liability in connection with the sale of our products.

■ Warranty Period

The warranty period is 12 months. In each case, the warranty period is measured starting on the date of purchase by the original consumer purchaser. The sales receipt from the first consumer purchase, or other reasonable documentary proof, is required in order establish the start date of the warranty period.

- 15 -

We will repair or replace any our products that fails to operate during the

■ Limited To Original Consumer Buyer

The warranty on ours product is limited to the original consumer purchaser and to any subsequent owner.

To obtain warranty service, contact our customer service team at

- 16 -

■ Remedy

applicable warranty period due to defect in workmanship or material. If a valid claim is made during the applicable period, We, at its option, will either replace the product. A replacement product assumes the remaining warranty of the original product or ninety (90) days from the date of replacement, whichever is greater. Customer is responsible for the return shipping costs.

Exclusions

Our warranty does not apply to (1) any product that is damages caused by fire, earthquak, use by a third party, other accidents, intentional miscoduct on the part of the customer, abuse or other abnormal conditions. or used for anything other than normal consumer use as authorized in EBL's current product literature, or (2) any product purchased through an online auction house. Ours warranty does not apply to the battery cell unless the battery cell is fully charged by you within 7 days after you purchase the product at least every months thereafter.

■ How To Receive Service

service@eblmall.com

Only charge, use the unit within an ambient temperature of 0 to 40°C

A Product Maintenance:

Battery life may be reduced if not used for a long time.

■ Cleaning

Be sure that PS-CL036C182US is disconnected from all input power sources and output devices. Use a clean, dry, soft-lint-free cloth to wipe down it. Remove any debris, dirt, or other blockages on both side vents. When cleaning debris from the side vents, do not allow the debris, dirt, or other blockages to enter the body of PS-CL036C182US.

declarations must be completed.

To Preserve The Battery Lifespans, Please Use and Recharge at Least Once Every 3 Months Use Original or Cerified Charger and Cables Expose to Liquids Please Dispose of Batteries And Electronic Goods in Accordance with Local Regulations

Not Permitted on Aircrafts

■ UL Note

A photovoltaic panel as input for charging the internal battery shall be provided 3) If battery acid contacts skin or clothing, wash immediately with soap and water. If acid enters the eye, immediately flood the eye with running cold with an inverter and/or a charge controller in accordance with UL 1741 or UL water for at least 10 minutes and get medical attention immediately. 4) NEVER smoke or allow a spark or flame in the vicinity of the battery or 5) Be extra cautious to reduce the risk of dropping a metal tool onto the

7 7 Avoid Dropping

followed, including the following:

c) Do not put fingers or hands into the product.

m) Under abusive conditions, liquid may be ejected from the battery; avoid

to fire or temperature above 130°C may cause an explosion. The temperature of 130°C can be replaced by the temperature of 265°F.