NODSOLEX

# User Manual

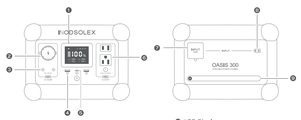
Portable Power Station

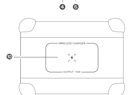
SN-300X

**Thanks for your purchase from NODSOLEX.**
For the best performance and safety, please read this manual carefully before use.
Please keep this manual for further reference.

**A CHARGE FIRST!**
Please fully charge your new OASIS 300 Power Station before first use.
It is highly recommended to charge your OASIS 300 when the state of charge is less than 20%.

## Product Overview




1. LCD Display
2. Cigarette Lighter Socket Output
3. DC Output(DC5521)
4. USB-A Output
5. USB-C Output
6. AC Output
7. AC Input
8. PV Input(XT60)
9. Light
10. Wireless Charger

Note: No user-serviceable parts inside.
It is recommended to fully charge the OASIS 300 before use.

## OASIS 300 Accessory List

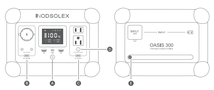
100-130V AC Cable

12V Car Charging Cable

User Manual

It is recommended to use NODSOLEX 100W Solar Panel (not included in the pack).

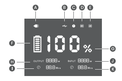
## Button Feature and Function




1. Power on/off button
2. DC output power on/off button
3. AC output power on/off button
4. Long stay mode on/off button
5. Light button

1. **Button A: Power ON/OFF**
   Master switch. Press Button A to turn on the power, press it again for 1.5s or longer to turn it off.
2. **Button B: DC Output Power ON/OFF**
   Please make sure the Power ON/OFF button is activated before pressing Button B.
   Press Button B to turn on/off the DC output, the DC indicator will light on/off.
3. **Button C: AC Output Power ON/OFF**
   Please make sure the Power ON/OFF Button is activated before pressing Button C;
   Press Button C to turn on/off the AC output, the AC indicator light on/off; press Button C for 1.5s to turn it off, the indicator turns off.
4. **Button D: Long Stay Mode ON/OFF**
   Please make sure the Power ON/OFF Button and AC output button are activated before pressing Button D;
   Press Button D to turn on the Long Stay Mode, which means AC output standby time is extended from 30 mins to 4 hours.
5. **Button E: Light**
   This function is available no matter if the Power ON/OFF Button is activated or not.
   How to use:
   First, press Button E once to turn on long bright mode;
   Second, press Button E once again to switch the light mode Press it for 1.5s. The light will be off.

## LCD Features




1. Input Status
2. USB Output Status
3. Over Load Alarm
4. DC Output Status
5. AC Output Status
6. Battery Charge Status
7. Battery Percentage
8. Output Power
9. Remaining Output Time
10. Input Power
11. Remaining Input Time

## General Specifications

### Technical Spcification

**Battery**

| | |
|---|---|
| Rated Capacity | 249.6Wh（6.5Ah） |
| Charging Temp | 0~40°C(32~104°F) |
| Discharging Temp | -10~40°C(14~104°F) |
| Cell Type | LiFePO4 |
| Cycle Life | 3,000+ Cycles to 80% Original Capacity |
| Shelf Life | Can be stored for 6 months when fully charged |

**General Specs**

| | |
|---|---|
| Weight | 5.1 kg / 11.3 lbs |
| Dimensions | 26.5 x 19 x 18.8 cm / 10.5 x 7.5 x 7.4 in |
| Certification | UN38.3, MSDS, FCC, RoHS, UL Compliant |
| Pass-through Charging | Yes |
| Warranty | 2 years |

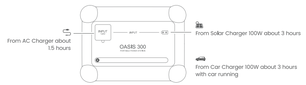
**Input**

| | | |
|---|---|---|
| AC Input | 100-130V / 60Hz, 200W Max | |
| Car Input | 12-28V, 8A, 100W Max | via 1 XT60 Port |
| Solar Input | 12-28V, 8A, 100W Max | |
| USB-C Input x 1 | 20V, 5A, 100W Max | |

**Output**

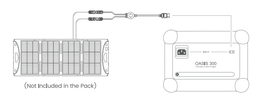
| | | |
|---|---|---|
| AC Output x 2 | 120V / 60Hz, 300W Max, 600W Surge(300W Total) (Pure Sine Wave) | |
| USB-A Output x 2 | 12V, 1.5A, 18W Max | |
| USB-C Output x 1 | 20V, 5A, 100W Max | |
| Car Output x 1 | 12V, 10A, 120W Max | |
| DC5521 Output x 2 | 12V, 5A, 60W Max | 120W Total |
| Wireless Charger x 1 | 12V, 1.25A, 15W Max | |

## How to Charge



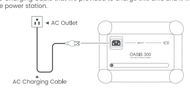

## Solar Panel Charging

1. Do not charge the unit a via solar panel outside of the range of DC12~28V.
2. Place the solar panel in the direct exposure to the sunlight as much as possible.
3. Supports NODSOLEX 100W solar panels; charging the OASIS 300 with the NODSOLEX 100W solar panel takes around 3 hours to achieve a full charge. The charging time may vary based on the lighting conditions.




## AC Charging

Please use the AC Charging Cable that we provided to charge this unit, and it will take about 1.5 hours to fully charge the power station.

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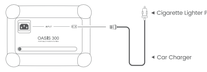
TRANSFORM YOUR WAY OF LIFE

## 12V Car Charger Charging

Please use the car charger that we provided to charge this unit, and it will take about 3 hours to fully charge the power station.




## Power/Charge Devices With OASIS 300

1. Select the type of outlet required by pressing the Output ON/OFF Button. The output port will NOT function until the appropriate button is pressed. When activated, the indicator on the button shows white, indicating that the outputs are active, and the LCD display will turn on and provide details about power input/output. The LCD Screen will automatically shut down after 3minutes when no outputs are activated.

2. Pass-through Charging. The advanced battery management system of OASIS 300 allows it to power a connected device via all output ports while charging the OASIS 300. Note: If you exceed the overload protection power, the device automatically runs its protection function to avoid danger.

3. Overload Condition: If an AC overload condition occurs on the output port, OASIS 300 will automatically turn off AC output power. The alert icon on the LCD screen will illuminate.

4. The charging process will be efficient when the input charge cable meets the specification outlined in the General Specifications section. Only charge OASIS 300 with the provided AC charging cable.

## What It Powers

| | | | | |
|---|---|---|---|---|
| TV (110W) Around 1.9 Hours | Mini Fridge (150W) Around 1.4 Hours | CPAP (40W) Around 5.3 Hours | Floodlight(10W) Around 21.2 Hours | Drone(89.2Wh) Around 2.5 Recharges |
| Laptop(49.9Wh) Around 4.5 Recharges | Switch(19Wh) Around 14 Recharges | GoPro(5.9Wh) Around 38 Recharges | +MORE | |

## Important Safety Instructions

**Product Use:**

- DO NOT use any inappropriate power cords.
- DO NOT place the unit close to or in a fire or expose it to heat. Keep out of direct sunlight.
- DO NOT charge, use, or store the unit in a bathroom or in an area exposed to rain or moisture. Use and store the unit only in a clean and dry environment.
- Do NOT drop the unit into the water. If the battery in the unit comes into contact with water, it may cause chemical decomposition of the battery, which may cause the battery to catch fire or explode.
- Never use or charge swollen, leaky, or damaged batteries. If your battery is 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 environments. Otherwise, the battery control board may malfunction and cause a serious accident.
- Never disassemble or pierce the product in any way. Otherwise, it may 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 water during use, take it 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 of it properly as described in the Battery Disposal section below. If the product catches fire, it is recommended to use fire extinguishing equipment in the following order: water or water mist, sand, fire blanket, dry powder, and carbon dioxide fire extinguisher.
- DO NOT allow pins, wires, or other metal pieces to be inserted into the device case, outlets, or controls. Metal pieces may short-circuit the unit.
- Avoid collision. DO NOT place heavy objects on the unit.
- If there is dirt on any plug or outlet surface, use a dry cloth to clean it. Otherwise, it will cause abrasion and result in energy loss or inability to charge.
- DO NOT put the machine in a microwave oven or in a pressurized container.
- Transportation: OASIS 300 complies with all legal requirements for transport of dangerous goods. The capacity of the lithium battery pack exceeds 100Wh. Based on international standards, if OASIS 300 is transported by airplane, it must be transported in accordance with IATA standard packaging. IATA instructions and labeling requirements and the relevant declarations must be completed.

**Product Recharging:**

- When you first plug in a power source, a solar panel, or a wall charger, the OASIS 300 may take one minute to detect and adjust its charge circuitry before it starts drawing power from the source.
- DO NOT charge the unit via power supply systems outside of the range of AC100~130V.
- DO NOT charge the unit via solar panels outside of the range of DC12~28V.
- Always use approved attachment charging cables. We take no responsibility for any damage caused by using other brands charging cables.
- When charging, please place the product on the ground with no flammable or combustible materials around it. 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.
- Only charge the unit within an ambient temperature of 32°F to 104°F (0°C to 40°C ). The ideal charging temperature range is 73°F to 82°F(23°C to 27°C).

**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 the state of charge of OASIS 300 is low, charge the battery before store it.
- Store the product in dry environments. DO NOT place the product where it may contact water.
- Make sure no small metal objects can fall on or around the product while in store.
- Never transport a product with a battery power level higher than 30%.
- Battery life may be reduced if not used for a long time. It is recommended to fully charge and discharge OASIS 300 at least once every three months to maintain the health of the battery pack.
- Never store the product in environments below -20°C(-4°F) or above 45°C(113°F) .

## Cleaning

- Be sure that OASIS 300 is disconnected from all input power sources and output devices. Use a clean, dry, soft, lint-free cloth to clean.
- 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 OASIS 300.
- 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.
- To avoid the risk of electrical shock, DO NOT use metal objects to clean ports.

## Troubleshooting

**OASIS 300 Will Not Charge Or Operate Connected Devices:**

- Ensure that the DC/USB/AC output ports are activated. Confirm the connected device is suitable for the OASIS 300 by reviewing the output specifications provided in the General Specifications section. Confirm OASIS 300 is charged by reviewing the Battery Level Indicator. Verify the watt data displayed on the LCD Screen for overload conditions.

**OASIS 300 Will Not Charge:**

- Confirm that the wall plug power cable's cord is inserted fully into the AC Input. Confirm that the AC wall plug power cable is the cable provided with OASIS 300. If the input does not comply with the requirements located in the General Specifications section, the Low Watt range of 0 to 10 may be displayed.
- After running out of battery power, OASIS 300 could not be charged shortly. The battery pack needs to get back to a safe temperature to allow the charging action.

**Note:**
A photovoltaic panel as input for charging the internal battery shall be provided with an inverter and/or a charge controller in accordance with UL 1741 or UL 62109-1; The external power supply shall be a power source in accordance with the Standard UL 60950-1and CAN/CSAC22.2 No. 60950-1, or UL 1310 and No.1 CAN/CSA C22.2 No.223, or No.1 CAN/CSA C222 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 followed, including the following:**
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.
c) Do not put fingers or hands into the product.
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 rather than the cord when disconnecting the power pack.
f) Do not use a battery pack or appliance that is damaged or modified. Damaged or modified batteries may exhibit unpredictable behavior resulting in fire, explosion, or risk of injury.
g) Do not operate the power pack with a damaged cord or plug, or a damaged output cable.
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 of fire or electric shock.
i) To reduce the risk of electric shock, unplug the power pack from the outlet before attempting any instructed servicing.

**2. WARNING- RISK OF EXPLOSIVE GASES**
a). 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 these products and on engines.
b). PERSONAL PRECAUTIONS
- Have plenty of fresh water and soap nearby in case battery acid contacts skin, clothing, or eyes.
- Wear complete eye protection and clothing protection. Avoid touching eyes while working near the battery.
- 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 water for at least 10 minutes and get medical attention immediately.
- NEVER smoke or allow a spark or flame in the vicinity of the battery or engine.
- Be extra cautious to reduce the risk of dropping a metal tool onto the battery. It might spark or short-circuit battery or other electrical parts that may cause an explosion.
- When charging the internal battery, work in a well-ventilated area and do not restrict ventilation in any way.
- Under abusive conditions, liquid may be ejected from the battery; avoid 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.
- Do not expose a power pack to fire or excessive temperature. Exposure 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.
- 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.

## Disposal/Recycle

Do not place equipment and its accessories in the trash. Items must be properly disposed of in accordance with local regulations. See www.epa.gov for additional information.

## Warranty

All products come with a full 2-year limited warranty from the date of purchase (Cables excluded). It will be out of guarantee if damaged due to incorrect use or force manure.

## FCC Note

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. Any Changes or modifications not expressly approved by the party responsible for compliance could
void the user's authority to operate the equipment. Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television
reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures: -Reorient or relocate the receiving antenna. -Increase the separation between the equipment and receiver. -Connect the equipment into an outlet on a circuit different from that to which the receiver is connected. -Consult the dealer or an experienced radio/TV technician for help. This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

Due to constant technology update, product specifications and configuration changes, please refer to the actual product.

Questions? Comments?
Reach out to us for expert support!
support@nodsolex.com
nodsolex.com

说明书
展开：738*170mm，折后：123*170mm（公差±1mm）
材料：100g双铜
印刷：双面印刷，大豆油墨印刷
表面处理：过光油