版本	标记	变更描述	修定者	修定日期	生效日期
A0		初版发行	庄佳丽	2023/03/20	2023/03/23
A1					

690mm

160mm

ARUN

User Manual

300W Power Station

Contact us:
TEL:0769-89365270

Glossary

The following glossary describes the level of risk due to improper operation.

Attention

It may compromise the product performance and damage the product slightly if do not perform in accordance with manual.

Watch out

It may compromise the product performance and damage the product seriously if do not perform in accordance with manual.

Warning

It may compromise the product performance, cause accidents and damage the product seriously if do not perform in accordance with manual.

Warning

- Please read this entire user manual before using the product and get familiar with the functions of the product before operating.
- ARUN will not be liable for any injury to yourself or others , product damage or property loss due to improper operation of the product.
- Please do not use any accessories which is not recommended and provided by ARUN. Relatedness and use of products must be in strict compliance with ARUN's guidelines, otherwise ARUN after-sales service will not be available.
- Please operate the product according to the instructions in the manual. Improper operation may cause failure assembly, setup and use.

Product safety guide

Warning

- It may cause fire, product damage and injury with incorrect product using. Please be sure to follow the following safety guidelines when using the product.

Product Disclaimer

Please read all safety tips, warning messages, Terms of use and disclaimers carefully. Before use, please refer to the terms of use and disclaimer on the manual and the label on the product. The user takes full responsibility for all uses and operations. Please understand the laws and regulations in your area & is your responsibility to understand all relevant regulations and use ARUN products in a compliant manner.

Product use

1. Do not touch the product with any liquid. Do not immerse the product in water or make it wet. Do not use fire machine in the rain or wet environment, otherwise the battery will spontaneously burn, and may even lead to ignition the explosion.
2. Do not use non-official parts. For replacement, please visit ARUN's official website for purchase information. ARUN shall not be responsible for any product accident or failure caused by the use of products not officially provided by ARUN.
3. Do not use the machine in the environment of strong static electricity or magnetic field, because it may not work properly. Do not remove or insert other modules or parts when the machine is powered on. Otherwise, the power interface may be damaged.
4. If the ambient temperature is too high (higher than 45 ° C), batteries may catch fire or even explode. If the ambient temperature is too low (lower than 0 ° C), the battery charging power will be limited, and it cannot meet the requirements of normal use. The device can be used normally after the normal temperature is restored.
5. Do not use the machine in the environment of strong static electricity or magnetic field, because it may not work properly. Otherwise, some of the protection functions of the machine may fail, resulting in serious damage of the machine.
6. It is forbidden to disassemble or prick the product with sharp objects in any way. Otherwise, it will cause product failure, fire or even explosion.
7.The machine shall not be used again if it is hit by a strong fall or external force.
8. If the product accidentally falls into water during use, place it in a safe, open area and keep away from the product until it is completely dry. Do not use the product if it is damaged, wet or has been in contact with water. Please dispose of in accordance with the waste method described in this article. In the event of a fire, it is recommended to use fire extinguishing equipment in the following order: water or water mist, sand, fire blanket, dry powder extinguishing agent, and carbon dioxide extinguisher.
9. Do not place the machine in the microwave oven or pressure cooker.
10. Do not use wires or other metal objects to cause short circuit of the product.
11.Do not hit the machine. Do not place heavy objects on the machine.
12.If there is dirt in the machine interface, clean it with a dry cloth. Otherwise it will cause poor contact, resulting in energy loss or failure to work.
13.After the product power is used up, please recharge the product immediately, otherwise it will cause irreversible damage to the battery or the battery cannot be used.
14.If the product is not used, please turn off the main power switch in time.

Product charging:

1. The machine must be charged using ARUN official adapter. ARUN will not be responsible for any consequences caused by charging with an adapter other than the one officially designated by ARUN.
2. The machine must be charged in a well-ventilated area without inflammable and combustible materials around. Please be on hand when charging the product to prevent accidents.
3. After continuous full load discharge, the battery may be in high temperature. Please wait until the machine drops to room temperature before charging.

Do not use adapters from other series of products to charge this series of products.Doing so will void your warranty. ARUN will not be liable for any injury or loss caused by the user's failure to follow the instructions in this manual.

Product storage and transportation:

1. Keep the machine out of the reach of children.If children accidentally swallow parts, seek medical attention immediately.
2. The machine should be stored in a dry environment. Do not place the machine in water or where water may leak. The product may be damaged if stored for a long time. If the battery power of the machine is seriously insufficient and idle for a long time, the battery will enter the deep sleep mode. If the battery needs to be awakened from the deep sleep, the machine must be charged.
3. Do not put the machine near a heat source, such as in a car or a hot day, a fire source or a heating furnace.
4. The machine should be stored in a dry environment. Do not place the machine in water or where water may leak.
5.Do not store or transport the machine with glasses, watches, metal necklaces, hair clips or other metal objects.
6.If you need to use express or logistics to transport batteries, please reduce the machine power to less than 30%.

Product battery waste:

1. Make sure that the battery of the machine is completely discharged before placing the battery in the specified battery recycling container. Due to the presence of hazardous chemicals, do not waste in ordinary dustbins. Follow the local laws and regulations on battery recycling and disposal.

Product maintenance:

1.Please keep the ambient temperature of the product ranges from -10 ° C to 40 ° C, and the optimal operating,Storage temperature ranges from 25 ° C to 35 ° C.
2. If the machine is idle for a long time, its performance will be affected.
3.Please charge and discharge the battery every three months, that is, discharge the battery to 30% and then charge it to 85%. This preserves battery performance.

Precautions for recharging:

Please charge the machine in a well-ventilated area

Guide to product use care and safety

Congratulations to you!

- Congratulations on becoming an ARUN user! This short manual will help you. Please take a moment to read the manual and follow the instructions in the manual to use the product, master how to use!

Attention

- To turn the product on or off, you need to hold down the main power button. To enable the AC output power button, you need to press it briefly. The product will enter the sleep mode automatically after a long time of inactivity, so that the product's power can be saved for a rainy day. Please follow this manual to understand each port, button, display screen, etc. (Before you go on any further, it is recommended that you charge the battery to 100%)

Warning

Changes or modifications to this unit 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 Class B digital devices,pursuant to Part 15 Subpart B, 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 instruction manual, 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 and correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna. - Increase the separation between the equipment and the 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.

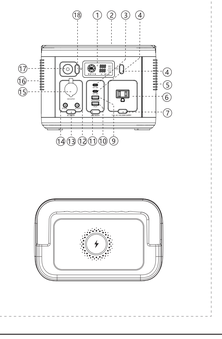
This device complies with part 15 of the FCC Rules.

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.

Product Functions



1. Liquid Crystal Display
Display the remaining power of the product, charge and discharge power and fault icon.

2.10W Magnetic wireless power
Wireless charge output, maximum discharge power 10W.

3. TYPE-C1 Output port
Supports PD3.0 protocol and the maximum discharge power is 30W.

4. TYPE-C2 Output port
Supports PD3.0 protocol and the maximum discharge power is 30W.

5. Main power button switch
Long press this button for 2.5s to turn on/off the product. After this button is turned on, other keys can work normally.

6.Ventilation and heat dissipation ports
Do not block the fan heat dissipation vents.

7. AC110V outlet
110V AC outlet, rated output power 300W, peak power 600W.

8. AC output key switch
Press and hold for 2s to enable or disable AC output.

9. USB quick charge outlet
USB4 fast charge outlet, maximum discharge power 18W.

10. 5V2.4A USBA outlet
5V2.4A USBA outlet

11. USB (USB4、TYPE-C)output key switch
Long press 2.5s to turn on/off USB(USB4、Type-C)output

12. DC5521 output port
DC5521 output, support 12V 5A, max discharging power is 60W.

13. DC Output key switch
Long press 2.5 to turn on/off DC car charge output.

14. DC4530 charging port
Product charging port, the maximum charging power of 100W(support adapter, car charging, solar panel charging).

15. DC/Car charge output port
The vehicle charge output supports 12-15A and the maximum discharge power is 120W.

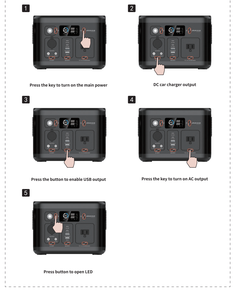
16. Ventilation and heat dissipation port
Do not block the fan heat dissipation vents.

17. LED Lamp
LED lighting, support low light, strong light, slow flash, SOS four modes,Strong light glare, avoid direct view.

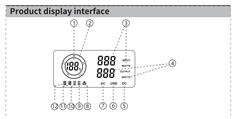
18. LED key switch
Long press 2.5 to turn on/off LED, and click to switch the lighting mode.

Quick Start Guide

Let's take a minute to understand the basic operation of the 300W portable series. Suggest fully charge it before using it.



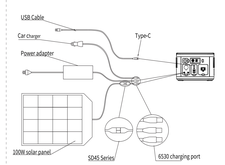
Product display interface



1. Display the remaining battery percentage.
2. The ring icon shows the remaining power, and the icon lights up and flashes in turn when charging.
3. Display the current input power of the product in watts.
4. Display the current output power of the product in watts.
5. When the vehicle charge outlet or DC5521 outlet is used, the DC vehicle charge output icon is displayed.
6. When any USBA port or Type-C port is used to discharge data, the USB output icon is displayed.
7. After AC output is enabled, the AC output icon is displayed.
8. When the product is overloaded or abnormal, the screen displays a warning icon.
9. Low temperature alarm icon.
10. High temperature alarm icon.
11. Under voltage alarm icon.
12. Over voltage alarm icon.

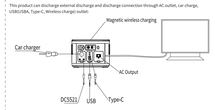
How to charge the battery

The charging port is located on the front of the product, including a DC5530 charging port and a Type-C charging port. The product can be charged through the adapter, PD charger, car charger or solar panel. The charging connection diagram is as follows.
Note:TYPE-C charging port can only be charged by using PD 20V charger.



How to discharge

This product can discharge external discharge and discharge connection through AC outlet, car charge, USB(USBA, Type-C, Wireless charge) outlet:



Spec. And Parameter

Basic spec	
Net weight	3.7±0.2kg
Size	230x156x310mm(9.06x5.91x6.58in)
Battery design capacity	296Wh
Output	
AC Output*1	AC 110V 60Hz,Rated power: 300W
Type-C1 PD3.0 Output	5V-9V=3A,12V=2.5A
Type-C2 PD3.0 Output	5V-9V=3A,12V=2.5A
USB-A1 QC3.0 Output	5V=3A,9V=2A,12V=1.5A
USB-A2 Output	5V=2.4A
Car charger and DC5521 Output	12V=5A,36W Max.
DC5521 Output	12V=5A
Wireless Output	10W Max.
Total DC Output	180W Max.
Total AC Output Power	300W
LED lightning	Support four modes (low light, strong light, slow flash, SOS)
Input	
DC Input	24V=2A,48W
Solar Input	12-28V,100W Max.
Car Charge Input	12-24V,100W Max.
Battery	
Battery category	Lithium battery
Working Environment temperature	-10℃~40℃(-4F~104F)
Charging temperature Of cells	0℃~45℃(32F~113F)
Lifespan	After 500 cycles, battery capacity>80%

Packaging list

Number	Graphical representation	Name	Quantity
1		Power station	1
2		Power adapter	1
3		Car charger cable	1
3		Specification	1

ARUN

Product warranty card

Name:	
Telephone:	
Address:	
Date of Purchase:	
Purchase channel:	
S/N Serial number (at the bottom of product) :	

Date	Maintenance record

Certification

Inspector:

Date of Inspection:

Dongguan Arun Industrial Co., LTD

Please cut out this page for repairs

PANTONE cool gray 6C (冷灰6C)

技术要求:

1.印刷: 4C+ PANTONE cool gray 6C (冷灰6C)+单黑印刷
2.材质: 105g铜版纸/6开5折页
3.尺寸: 690*160mm±2mm;
4.符合ROHS要求.

ARUN海陆通®
东莞市海陆通实业有限公司

尺寸公差		制定			名称			
0~5	±0.05	审核			编码			
5~10	±0.08	批准			图号			
10~25	±0.10	THIRD ANGLE PROJECTION			比例	1:1	单位	mm
25~50	±0.12				版本	A0	页码	1 OF 1
≥50	±0.15							