

FREEFORCE™

ULTRALITE 1500

ULTRALITE PORTABLE POWER STATION



USER MANUAL

- What's in the Box
- How to Charge
- Features
- Technical Specifications
- Warranty Information
- Contact Information



Charge Me!

Begin charging your FreeForce Ultralite 1500 by connecting it to the power supply provided.

The purpose of this manual is to help you use your product to its full capability! Please contact us directly if you have further questions about your FreeForce product here:

 hi@freeforcepower.com

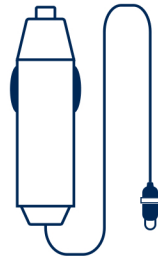
 888-984-2762

 www.freeforcepower.com

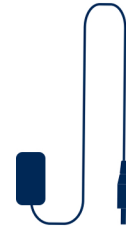
WHAT'S IN THE BOX



Freeforce Ultralite 1500



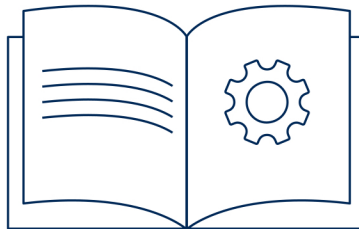
47" Car Charger



24" DC to Carport Cable



47" AC Cable



User Manual

HOW TO CHARGE YOUR PRODUCT

Charge with AC power

Insert one end of the adapter into wall outlet and insert the other end to the exchange input port of the product. As the product charges you can monitor the battery status by checking the battery icon on the LCD screen. When the battery is fully charged, it will stop charging itself automatically.

Charge with solar power

Insert the cord from the solar panel into the solar and car charging interface. When connected to the solar panel, note that the positive and negative poles cannot be reversed and should correspond to the positive and negative poles of the interface otherwise it cannot be charged. When the solar panel is charging properly, the charging light will turn from red to green when fully charged.

Charge with car charger

Insert the cord from the car charger into the solar and car charging interface and insert the other end into your car's output outlet. When the solar panel is charging properly, the charging light will turn from red to green when fully charged.

RECHARGING TIMES



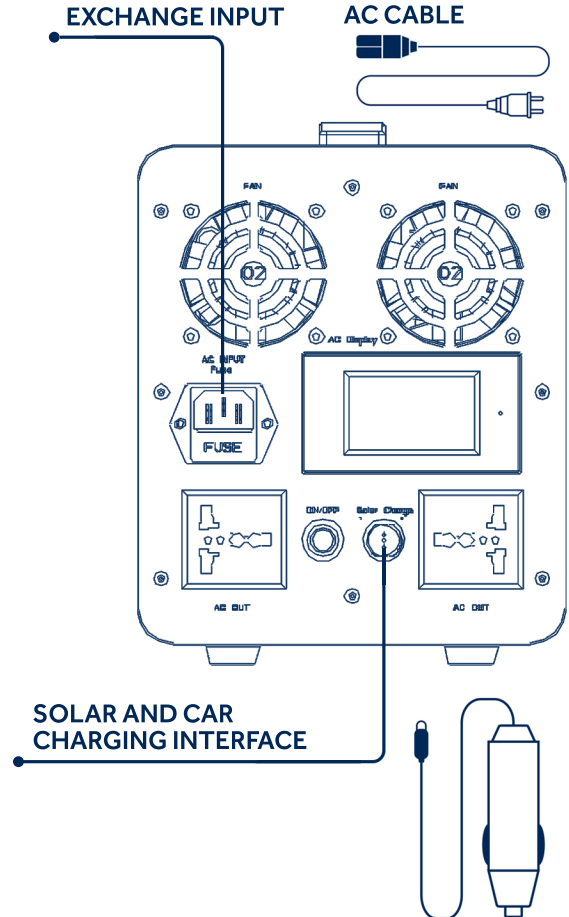
Wall Charger
AC 150W input
10 - 12 hours



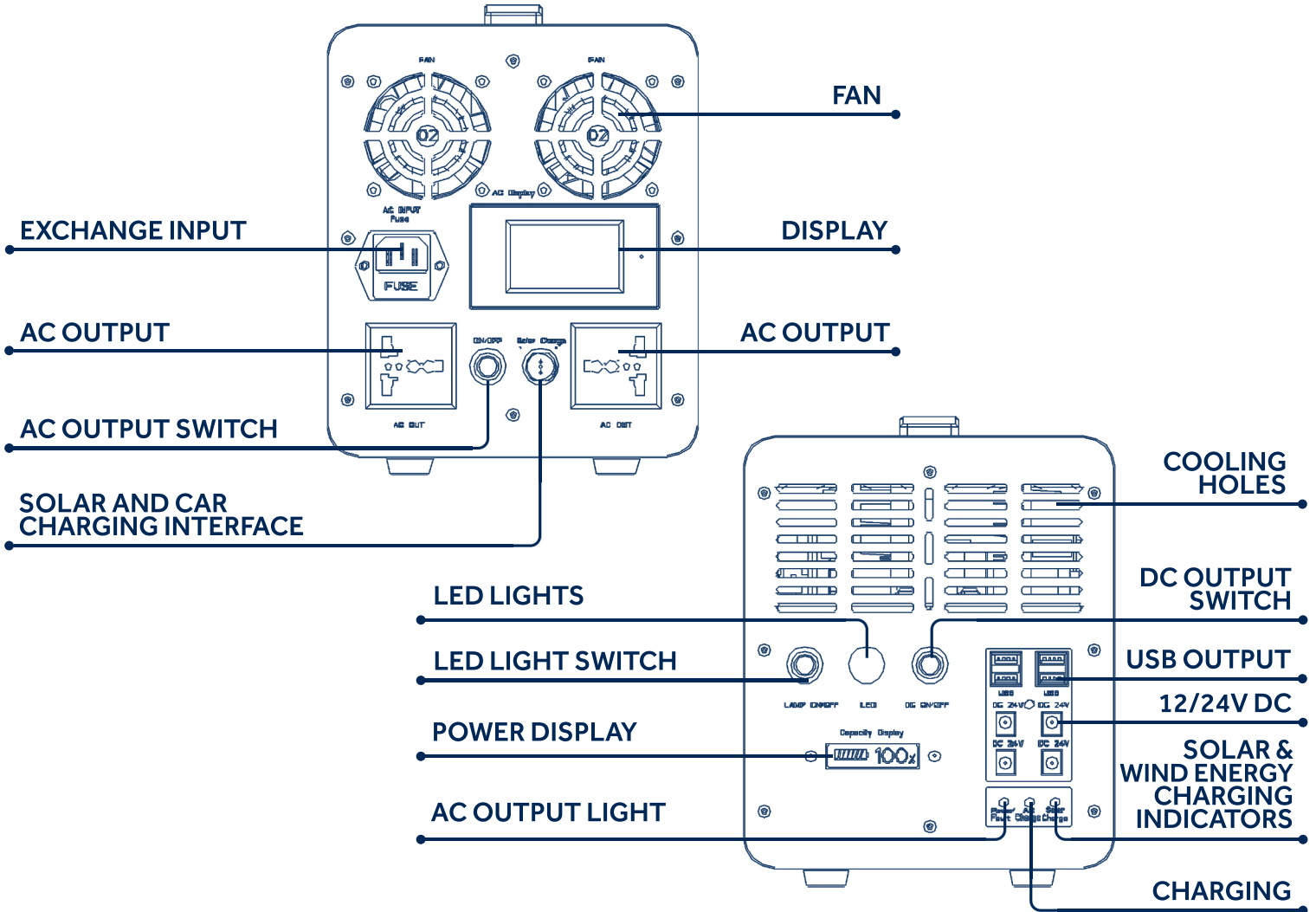
Solar Charger
Supports 400W max
8 - 10 hours



Car Charger
100W
15-18 hours



GETTING TO KNOW YOUR PRODUCT



USING YOUR PRODUCT FOR AC ELECTRICAL APPLIANCES

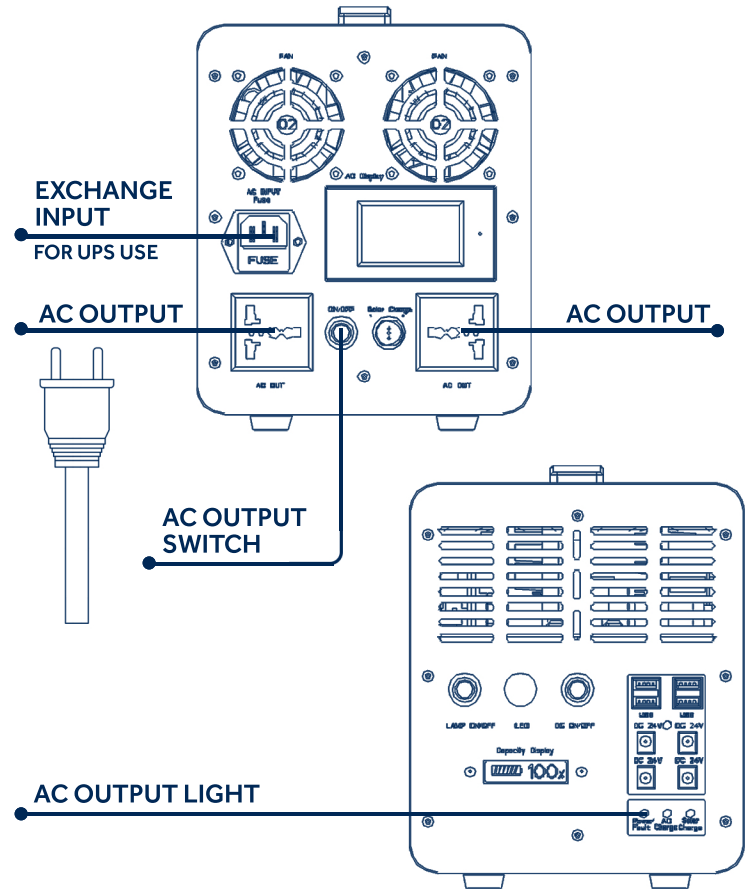


Laptop, Electric Kettle, Small TV, Lamp, Fan

PLEASE POWER ON THE AC SWITCH. THE LED LIGHT WILL TURN ON TO CONFIRM THAT THERE IS OUTPUT.

AC Output

To use the device for AC output, plug in your AC electrical appliances into the product's AC outlet ports. This product can also be used as an Uninterruptible Power Supply or UPS. To use as a UPS, plug the AC input cable into your home's AC wall socket and the other end of the cord into the product's exchange interface. Then plug the electrical appliance that needs an uninterruptable power supply into the product's AC output port. Your appliance will use the electricity from your wall outlet for power unless a sudden power outage occurs and then the product will automatically switch to using the internal battery as a power source. When the charging light on the front panel is red the AC output switch is turned on for UPS use and when the charging light is green the appliance is no longer using the wall outlet electricity and the product's battery is in use.



USING YOUR PRODUCT FOR DC ELECTRICAL APPLIANCES



Computer, Car Vacuum, Router, Phone and most 12V

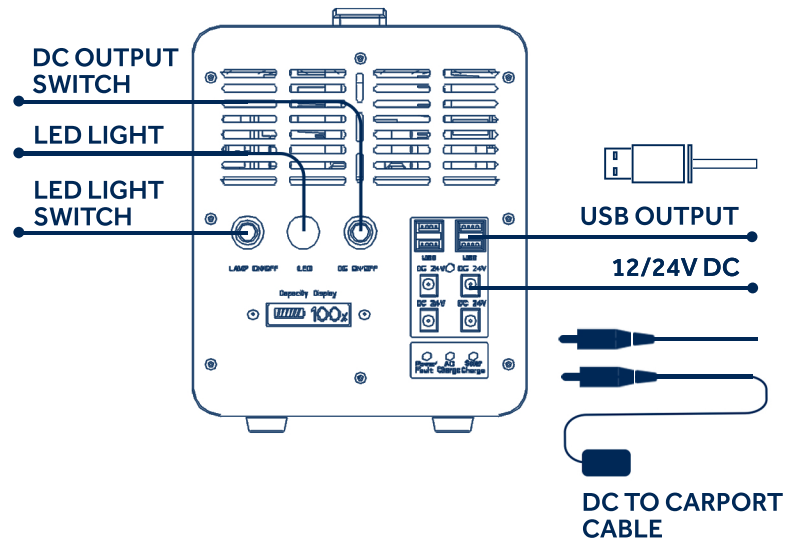
PLEASE POWER ON THE DC SWITCH. THE LED LIGHT WILL TURN ON TO CONFIRM THAT THERE IS OUTPUT.

DC Output

When using the DC output function, turn on the corresponding DC switch. When the DC output indicator is lit, the DC 12/24V and USB outputs can be used. When not in use for a long time, turn off the switch to avoid power consumption.

Connect the DC to Carport Cable to convert the plugs that fit into car outlets to a DC head so it can be plugged into the product.

To use the LED lights, turn on the corresponding switch.



SPECIFICATIONS

Battery capacity	12V 135Ah 1500Wh
Output power	Rated 1300W max. 1500W
Input voltage	AC 110V~220V 50/60Hz
Output voltage	220V 50Hz / 110V 60Hz
DC output	DC 12V 8A, USB 5V 2A
LED	1W Maximum can be done 3W
Solar charging	18V-36V 400W - 800W solar panel
Output waveform	Pure String Wave
Power outage reaction time	≤5Milliseconds
Overload	AC output disconnected after overload, light red, off load, restart recovery
Short circuit	AC output disconnected after short circuit, off load, restart recovery
Weight	32.0 lbs (14.5kg)
Size	16.7 x 6.9 x 9.1" (42.3 x 17.5 x 23 cm)

PRECAUTIONS

Before using this product, you should read the instructions carefully and be aware of the precautions.

The product is equipped with high-voltage electricity. It is expected to use with caution in order to avoid any accidents.

Note the maximum load of the product discharge. Check that the device matches the output power corresponding to the power port.

This product is not permitted on aircrafts.

Use the original or certified charger and cables, charge it by the constant current and voltage, and prohibit reverse charging.

Please do not put this product in contact with fire, liquids, and direct sunlight. Do not use this product in wet environments or water and be mindful of moisture and humidity.

If you find that the machine is in use smoke or fire and other abnormal phenomena, please immediately stop the use and take relevant fire-fighting measures to avoid an explosion.

Avoid storing this product near metal objects like coins, jewelry, and keys to prevent short-circuiting.

It's normal for this product to generate heat when charged.

The electric core used in this product is automotive-grade power lithium-ion cell, small size, large capacity, light weight, long life cycle.

Do not exceed the maximum output power of the product. The maximum output power of the product is 1500W and if the operating power of the load exceeds 1500W, the power supply goes into a protective state and cannot be output. Remove the excess load and restart the power supply for normal use. When used with excessive power, the fuse that comes with the machine will blow and a 10A will be replaced for normal use.

When brought out for outdoor use, turn off the switches and then turn them on when needed, as this will cause automatic battery consumption.

Do not drop this product. Handle gently. Do not disassemble the product

Battery capacity and output power is affected when the temperature is below 0 degrees. Before storing, charge the appliance and recharge once every 3 months while in storage.

In the case of throwing this product away, please dispose in accordance with local regulations.

WARRANTY INFORMATION

Proper use helps to extend the life of this product. Please operate strictly according to the user manual and under the prescribed conditions. This product is intended for consumer use only.

Warranty is valid for 1 year from the date of purchase.

During the warranty period, we will repair or replace the product at no cost, unless the damage is caused by:

- Improper use or handling of the product (other than consumer use, rough use/dropping, improper charging)
- Disasters such as flood, fire or earthquake
- Unauthorized disassembling, repair, or modification of the product

CONTACT US



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