

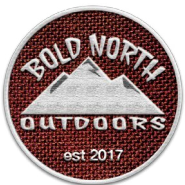
USERS MANUAL



Thank you for purchasing your new 100 portable power station.
Let's get started!



Please charge your 100 unit first before reading through this manual. You can begin charging your 100 unit by opening the unit and installing the battery (or batteries), then connect positive and negative wires to battery terminals. After you have completed this, close the unit, and connect it to your electrical power supply by plugging it into a wall socket and connecting alligator clips to the terminal posts. Depending upon the batteries you are using, a normal charge duration is between 5-10 hours.



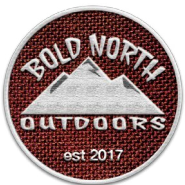
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SPECIFICATIONS

100 Series

Dimensions 10Lx6Wx8H	Weight 3.5 lbs.	Battery 6/12/18/50ah Lithium Phosphate recommended*	Lifecycles ≥ 2,000 cycles*	Operating Temperature -10 to 40° C	Recharging Temperature 0 to 40° C
DC Output Varies on Battery	AC Output Our External Inverter needed	USB Output 2x USB 5V 2.1A	Warranty 1 Year	LED Lights UV x 1 LED x 2	Tech Support (763) 486-6642

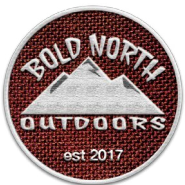
Your 100 portable power station arrives ready to set up by installing the Lithium Phosphate batteries (shipped separately when purchased). In addition to batteries, solar recharging panels, external inverter, and other accessories can be purchased and shipped separately.



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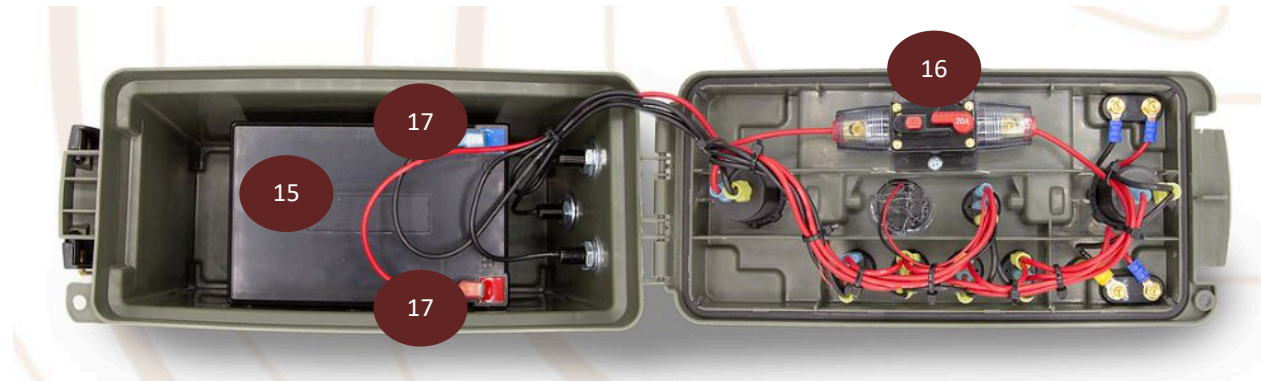


- 1 – Terminal Posts
- 2 – Dual USB Ports
- 3 – Cig Socket
- 4 – Master Power Switch
- 5 – Power Supply Meter
- 6 – Flip Handle
- 7 – Interior Access Latch
- 8 – Terminal Post Switch
- 9 – Terminal Post Switch
- 10 – USB/ Cig Socket Switch
- 11 – UV/LED Light Switch
- 12 – LED Lights
- 13 – UV Glow Light for Jigs



100

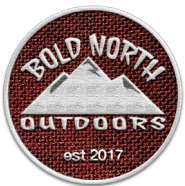
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15 – Battery (Lithium Phosphate recommended)

16 – Circuit Breaker

17 – Battery terminal posts



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CHARGING WITH YOUR 100

STAY FULL WITH BOLD NORTH OUTDOORS

Below are some of the devices you can power with your BNO's power station. Note, Actual power consumption varies from different usages, and battery sizes. You may consult Bold North Outdoors for a better purchase decision.

The diagram features a central battery icon with a yellow glow. Six lightning bolts radiate from the battery to icons of a fan, fish finder, GoPro camera, smartphone, CPAP machine, and tablet. Below each icon is text indicating the number of hours or charges the device can be powered.

Device	Power Capacity
FAN	48+ Hours
FISH FINDER	172+ Hours
GOPRO	20+ Charges
*Based on 18 AH LIFEPO4 Battery	
PHONE	12+ Charges
CPAP	6+ Charges
TABLET	5+ Charges

RE-CHARGING WITH YOUR 100

Before using or storing your 100, plug into the wall socket until it is fully charged. If the display shows a capacity of less than 20%, connect to a power source as soon as possible. Power sources include:

Car charger (approx. 5 hrs.) / Wall Socket (approx. 5 hrs.) / Solar panels (approx. 8-10 hours, depending on panel size and weather)



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CHARGING FROM SOLAR OR FROM A WALL OUTLET

Charging using our solar panels

You will want to position your solar panel where it will get as much direct sunlight as possible. Our solar panel comes with two different adapter plugs. The first set is the cig socket adapter. First plug the cig socket adapter in the cig socket in your 100 station. Second, turn on the master switch and then turn on the cig socket switch. Now place the solar panel outside and you will be charging or maintaining the battery.

Another way to use this solar panel is by using the alligator clips. First, connect your alligator plug into the solar panel. Second, connect the red alligator clip onto the red terminal of your battery and the black alligator clip onto the black terminal of the battery. Set the solar panel outside and you are now charging your battery.

Charging using our AC wall charger

There are two ways you can charge your battery using our wall charger. First, open the station and disconnect the two wires attached to the battery. Second, connect the clips on the charger to the battery, red to red and black to black and then plug the other end into the wall outlet.

Or you can attach the alligator clips onto the matching terminals posts, red to red and black to black and then plug your wall charger into the wall outlet. Then turn on your master power switch on the station and then turn on the corresponding terminal post switch. To charge your battery.



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TROUBLESHOOTING

Troubleshooting procedures:

1. Make sure your battery is fully charged by pressing our battery meter, which will show your percentage of charge.
2. Set check your battery connection by opening the station and make sure both connections are connected to the battery and that the red is connected to red and black to black.
3. Try resetting the circuit breaker. Make sure the circuit breaker is not tripped. If it is tripped, just push the lever and make sure it is in the down position.
4. If for any reason, a button on our station does not activate the lights, USB port ore cig socket make sure the all the wires inside are securely connected.
5. If you are still experiencing trouble with your 100, please call our Technical Support at 763-486-6642 or by email at info@boldnorthoutdoors.com.



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SAFETY INSTRUCTIONS

CAUTION: Attention to the safety instructions herewith prevents serious injury or death:

- DO NOT place close to a fire or expose to extreme heat.
- DO NOT touch plug-in points if hands are wet
- DO NOT connect any metallic objects to the AC input or output
- DO NOT dispose of the unit or batteries with household waste
- DO NOT operate the unit above specified input voltage
- DO NOT move the unit if it is recharging or in use
- DO NOT charge the unit via power supplies outside of 100-240V
- DO NOT place the unit on its side or upside down while in use or in storage
- DO NOT use or store the unit in areas with high temperatures

CAUTION: Attention to the safety instructions herewith prevents serious injury or death:

- Check the unit before every use. If damaged, do not use
- Keep the unit away from children – do not let children use the product
- Keep product away from pets
- In a storm, unplug the power cord from the socket
- Make sure the unit is properly secured when transporting in motorized vehicles
- Only use, store and charge the unit within an ambient temperature of between 0 and 40 degrees Centigrade
- Carefully read and follow the instructions for your electronic devices you will connect to your unit
- Make sure any device you wish to charge is switched to power off before connecting

