



Thank you for purchasing the Nanight battery pack. This battery pack is designed to be used with heat vest systems but can be used as a powersource of other equipment.

**Specification:**

Output voltage: 5-20V

Max output power: 55W

Max charge current 1.5A

Max USB C output current 3A, 5V

**Warning!** The default output voltage is 12V. Check the maximum input voltage of your equipment before connecting it to the battery pack.

Never connect any USB devices to the USB C connector when the battery pack is in operation mode.



**E/O Connector**

By default, the pin of the E/O-connector on the canister side is negative, and the hole is positive.

**Charging**

The battery is charged through the E/O connector by applying 10 to 20V. The battery can also be charged through the USB C connector. A green LED next to the USB C connector will indicate when the charging is completed.



**Maintenance**

Lubricate the o-rings with silicone grease.

Check orings and housing for damage. Never dive with the battery pack if any damage is identified.

## Configuration

It is possible to set 1-4 different output voltage levels. By default, setting 1 is configured to 12V

To configure the output voltage, unscrew and remove the canister housing tube. Locate the 2 buttons on the electronics.



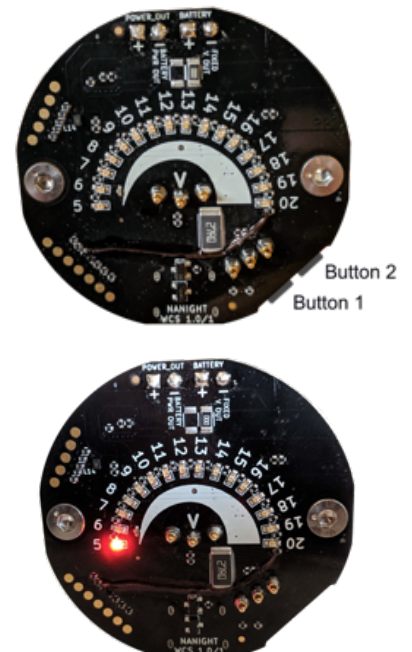
1. Press and hold button 1 and button 2 simultaneously until the first LED lights up.

2. The static led indicates the setting number 1-4. Use the buttons to select the setting number. By default only setting 1 and 2 can be selected. When setting 2 has been configured, setting 3 will be available and so forth.

3. To adjust the setting briefly press button 1 and 2 simultaneously. A flashing LED will indicate the configured voltage level. Use the buttons to increase or decrease the voltage level. If no led is flashing the setting is disabled. To remove a setting, press button 1 until the leds disappears.

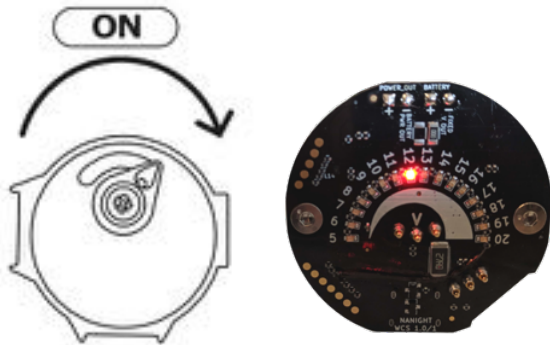
4. Confirm the setting by briefly press both buttons simultaneously. The first LED will go static again.

5. Repeat step 2 to 4 to configure the required number of settings. Store the settings by press and hold button 1 and button 2 simultaneously until the static led turns off.



### Operation

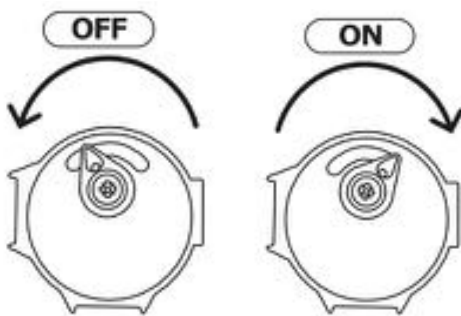
Turn on the battery by turning the switch clockwise. Setting 1 will be at operation at start. The battery voltage will be indicated with a static LED.



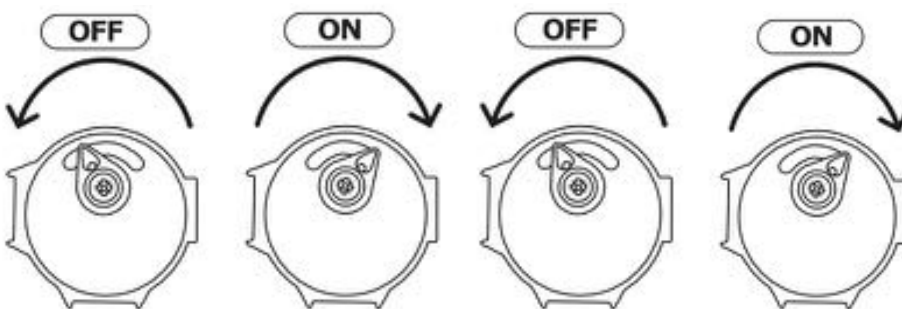
### Select setting

To select a setting, turn the switch off and on the number of times corresponding to the setting number.

#### Setting 1



#### Setting 2



If the selected setting is available, the LED will flash and indicate the current selected output voltage.