

AFTER USE MAINTENANCE

- Rinse the Power Canister with fresh water after use.
- Lubricate the o-rings with silicone grease if necessary.
- Inspect the o-ring for damages and debris. Replace o-rings or clean them if necessary.
- Charge the Power Canister after every dive and at least every 6 month.

RECYCLING

This product contains electronic components and must not be disposed of with household waste. Leave the product for recycling in designated areas, such as municipal recycling centers.

WARRANTY

Provided the product is used as intended, two years of warranty is given on the light. The warranty is valid provided that a receipt of the purchase can be presented, and includes repair or replacement of defective parts.

OPTIONAL ACCESSORIES

These accessories can be purchased by your local Nanight dealer or at <https://www.nanight.se>.



Nanight C3 Light head is a great light head to use with this canister. It has a 5 degree spot and a wide corona of indirect light.

Nanight C3 Head, C3H

Nanight have a variety of lights and accessories for any application. Visit www.nanight.se to see all available products.



CONTACT INFORMATION

Nanight AB
Åkeredsvägen 1
421 63 Västra Frölunda
Sweden

support@nanight.se
<https://www.nanight.se>



Nanight Power Canister G2 96/192-S/D User Manual

Thank you for choosing a power canister from Nanight! The canister is designed for diving at depths of up to 200m. We at Nanight hope your new canister will give you many rewarding days and nights of diving!



PRODUCT DESCRIPTION

- Single (-S) or dual (-D) outputs
- Regulated output voltage 5-20V
- Operating temperature: 0 – 35°C
- Depth rating: 200m

Nanight Power Canister G2 192

- Battery capacity: 192Wh
- Battery: 14,4V Panasonic Li-Ion, 13400mAh
- Max regulated output power: 110W
- Max unregulated output power: 150W
- Max total output power: 150W

Nanight Power Canister G2 96

- Battery capacity: 96Wh
- Battery: 14,4V Panasonic Li-Ion, 6700mAh
- Max regulated output power: 90W
- Max unregulated output power: 90W
- Max total output power: 90W

NANIGHT POWER CANISTER G2 INCLUDES

- Power Canister
- Charger
- Case

BATTERY INFORMATION

The lithium ion batteries are certified for flying according to UN 38.3 but the energy content of the 192Wh Power Canister is above the allowed upper limit. To bring the canister on a flight you need to disassemble the Power canister and remove one of the batteries.

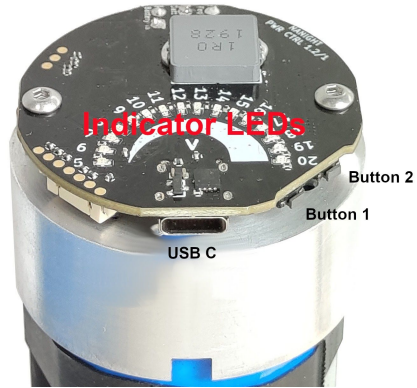
WARNING

The battery pack in this light is of Li-Ion type. This kind of battery may explode if charged incorrectly, short circuited or damaged in any way. Charge the light outside away from flammable materials. Never charge the light in direct sunlight or in temperatures above 35°C. If the canister or battery becomes hot, immediately disconnect the charger, open the canister and place the light in a fire proof area outside and don't use the canister again until a Nanight service center has checked the canister. Never use a canister that has been flooded. Regularly open the canister and check for over pressure. Replace the battery if the battery is damaged or has significantly lost capacity. Only use original Nanight battery packs with this product. Using an electric heating system may increase the risk of getting decompression sickness. Do not disassemble the canister while it's still wet. Never connect the two E/O connectors on the Power canister to each other. A blind plug must be used to seal the connectors if not used during a dive. It is not advised to disconnect the E/O connectors in the water but if necessary, turn off the Power Canister before disconnection. Never connect the battery output (output 2) E/O connector to an electric heat system. Never set any power setting voltage above the maximum voltage allowed by the electric heating system.

CANISTER PARTS

Depending on the Power Canister configuration there can be one or two E/O connectors available. If there are two, the color coded connector is the Regulated output, output 1. If only one E/O connector is available then it is a regulated output. The second E/O connector, output 2) supplies the battery voltage and is intended to connect to a light head. Output 2 shall never be connected to the electric heat system.

Unscrew the canister tube to access the buttons and USB C.



CHARGING

- Make sure the canister is turned off by turning the switch to the locked position. All indicator LEDs should be turned off.
- Connect the charger to any of the E/O connectors on the power canister. The LED indicator on the charger will turn red during charging. The indicator LEDs in the bottom of the Power Canister will show a running light.
- The charging is completed when the LED on the charger is green.

OPTIONAL CHARGING METHOD

- It is possible to charge the power canister by applying 5-20V into the output 1 connector. The indicator LEDs in the bottom of the Power Canister will indicate charging with a running light pattern. The charging is completed when the LEDs change from the running pattern to a static LED indicating 16V. **Warning:** It is of great importance to apply the voltage to the output 1 connector only or the battery might be damaged.

CONFIGURATION

Select Power Setting

The power canister has 4 power settings. The settings are selected by toggling the switch off/on a number of times that corresponds to the setting number.

Setting 1 is set to 12V by default. Setting 2-4 is set to 0V

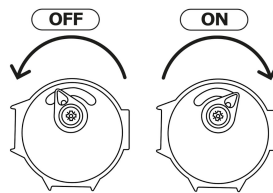
To select a power setting:

1. Turn on the power canister with the switch.

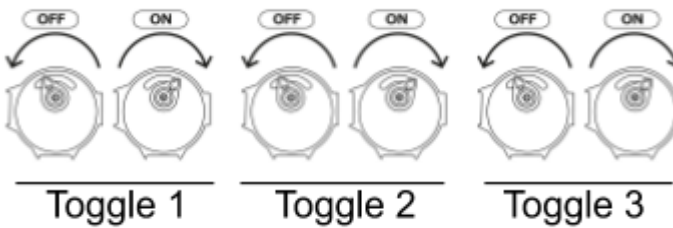


2. Toggle the switch the number of times corresponding to the setting number you would like to set. To make one toggle. Turn the switch to the off position and then back to on again within 1 second. (The switch does not need to go all the way to the locked position)

Setting 1



Setting 3



Adjusting a Power Setting

After a power setting is selected the output voltage can be adjusted. Use Button 1 and Button 2 to select a voltage. Unscrew the canister tube to access the buttons. The red indicator-LEDs show the current voltage that is set. 0V is set when indicator LED 5 is flashing.

Press Button 1 to decrease the voltage and Button 2 to increase the voltage.

