NEXTECH

QC8055

6V Solar Panel to suit Outdoor Trail Cameras
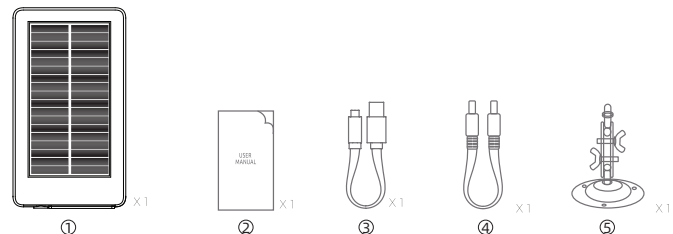## (QC8061/63)

Instruction Manual

NOTICE

1. When using the product to supply power to trail cameras, we recommend to also insert 8 type LR6 (AA) batteries to ensure that trail cameras always keep working.

2. In order to ensure that the built-in battery charges and discharges most efficiently, we recommend to charge city electricity fully to the battery in the first use.

3. Do not use sharp objects to scratch the surface of solar panel.

4. When charging in the sun, please put the solar panel towards direct sunlight to guarantee the best charging effect.

5. If the product stops working because of overload protection, please activate it by charging via charger or solar power.

6. If the product works abnormally, please take out the digital devices firstly, and then press the button approx. 10 seconds to reset.

7. When the battery has no enough power, it will stop working.

8. Thank you for purchasing our Solar Panel. This panel is compatible with our trail cameras that feature an external power port.

9. If your Solar Panel does not seem to be functioning properly or if you are having any issues, please check the FAQ / Troubleshooting section.
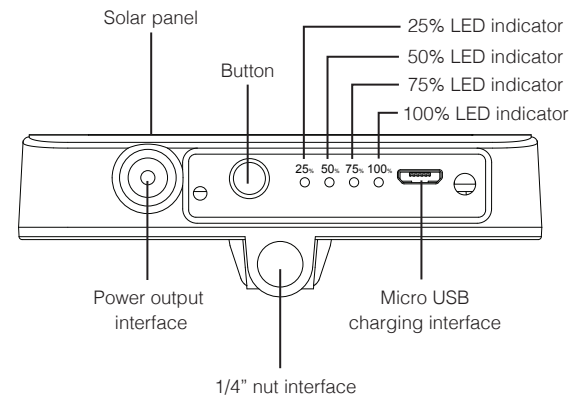
CAUTION ⚠

1. Before using the product, please ensure that output voltage (gently press the button to display) and working voltage of the digital devices are same. Otherwise, the devices can be damaged, or a fire can be caused.

2. The product does not apply to the digital devices with less that 0.1MA working current.

3. When installing, please put the output interface downwards and seal with silicone stopper. The angle between the panel and ground must not be less than 30° to avoid water inflow and damaging the product.

SPARE PARTS AND FRAMEWORK

① X 1   ② X 1   ③ X 1   ④ X 1   ⑤ X 1

① Solar panel
② Instruction Manual
③ Micro USB cable
④ Output cables
⑤ Wall mount

Solar panel
Button
25% LED indicator
50% LED indicator
75% LED indicator
100% LED indicator
Power output interface
Micro USB charging interface
1/4" nut interface

ABOUT THE SOLAR PANEL

The Solar Panel accessory is designed to function as a supplemental source of power for all current models of our trail cameras. With the Solar Panel mounted near your camera and connected to its external power input jack, you will find that your camera's batteries last much longer before they need to be replaced. The solar panel has an internal lithium ion power core, which is continuously charged by the solar cells when they are exposed to the sun.

Once connected, the camera will draw its power from the solar panel's charged lithium battery for as long as possible, switching to its internal batteries only when the Solar Panel's battery's charge level is too low. As a result, the camera's batteries will have significantly longer life.

CHARGING THE SOLAR PANEL VIA USB

The Solar Panel also includes a USB port allowing the internal power core to be "pre-charged" before field use, from a computer's USB connection or similar available source of USB power. Doing this is NOT required prior to use but will allow it to begin providing supplemental power to your camera immediately, instead of waiting for the solar cells to build up adequate charge.

To use this feature, connect a compatible USB Mini cable (not included) from the Solar Panel to your computer or an adequate power source. The charging indicator LED on the back of the Solar Panel will glow red while charging is in progress, then turn green when charging is complete.

MOUNTING AND CAMERA CONNECTION

A mounting bracket is provided with the Solar Panel. The bracket should first be screwed into the tree at a point above the camera where the solar panel has a unobstructed exposure to the sun for the longest part of the day. With the swivel head firmly attached to the tree bracket, connect the threaded bolt at the end of the swivel head to the mounting socket (brass 1/4" x 20) on the back of the Solar Panel. Loosen the swivel head knob, then the Solar Panel so that the solar cells are aimed at the sun. Once aligned tighten both locking collars. Finally, attached the supplied cable to both the solar panel and the camera and tie up the slack.

SPECIFICATIONS

Power	1W
Input	5VDC, 1A
Output	6VDC, 2A
IP Rating	IP54
Battery	3.7V Li-ion, 4500mAh
Dimensions	153(L) x 85(W) x 26(D)mm

FAQ / TROUBLESHOOTING

No response after pressing button	Please check if the battery has electricity, and then activate it by charging via charger or solar power.
Output voltage is not constant	Please confirm if the working current of digital devices is less than 0.1MA
The product does not supply power	Please confirm if output voltage is low, and then charge or press button approx. 10 seconds to reset.
Charge very slowly via solar power	Please confirm if the solar panel is towards sunlight or with some objects sheltered.
Charge very slowly with city electricity	Please check the output voltage of charger.
Water inflow	Please take out digital devices and open silicone stopper, and then try to use it after 24 hours' air-drying.
Output time is very short	Please do not keep the product working for a long time with the maximum output power.

What does a flashing red charge indicator light mean?	Excessive output current has been detected, and charging has been shut off. Disconnect the USB cable until the Red light stops flashing then try again. If the indicator continues to flash red, try a different power source or discontinue charging.
Will the Solar Panel work in the shade? What happens at night?	The Solar Panel's solar cell array will continue to collect and utilize any available or reflected sunlight, but it requires unrestricted, full exposure to the sun to ensure that the internal power core remains fully charged. A fully charged power core is necessary so that the camera can continue to draw supplemental, "booster" voltage from the Solar Panel during overnight hours.