Solar Kit Instructions

V 011719

The VIZpin Solar Kit includes:

Solar Controller

Environmental Enclosure

VIZpin 12VDC Lock/Latch Controller

Battery Cables

Solar Panel Cable

12VDC Lock/Latch Cable

Solar Panel Mounting Bracket

Battery Backup

Battery Velcro

Solar Panel

Cable Tie-wraps

Solar Panel Mounting Hardware

Environmental Enclosure Mounting Hardware

Liquid-tight fittings
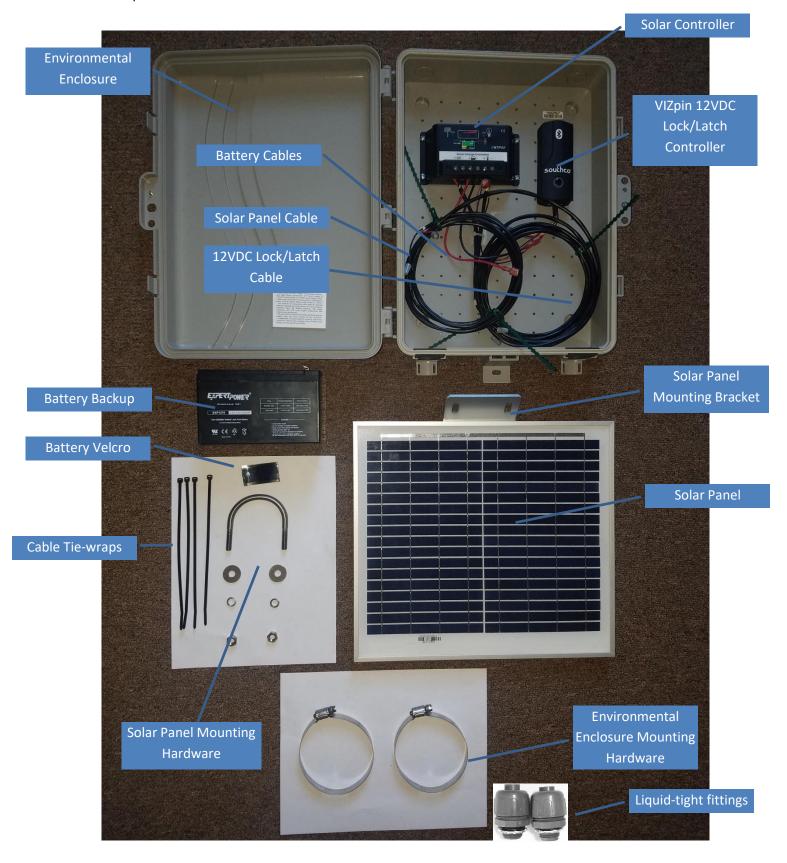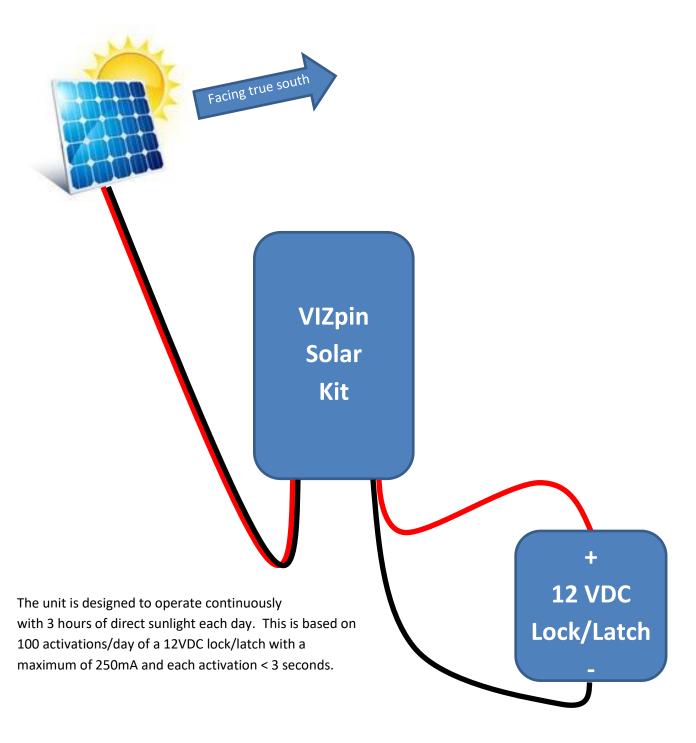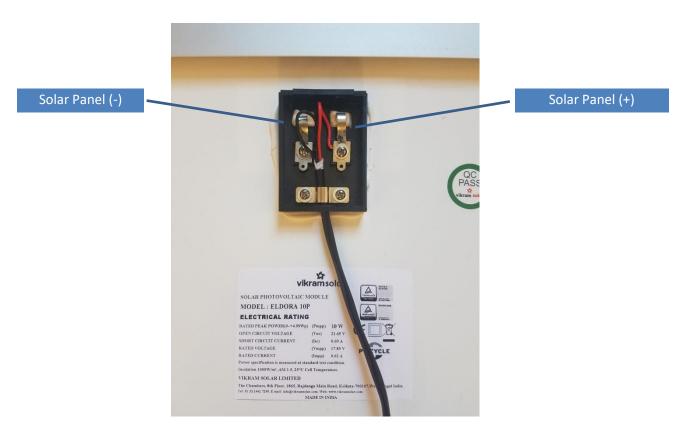
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How to install it:

1. Safely mount the environmental enclosure to a sturdy fence or pole. When possible, do not mount it in direct sunlight. Each installation has unique requirements or codes, and may require additional mounting hardware to ensure compliance.
2. Safely mount the solar panel to a sturdy fence or pole. The solar panel should remain clear of shade and facing true south.

Facing true south

VIZpin Solar Kit

+ 12 VDC Lock/Latch -

The unit is designed to operate continuously with 3 hours of direct sunlight each day. This is based on 100 activations/day of a 12VDC lock/latch with a maximum of 250mA and each activation < 3 seconds.

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1. If the existing grommeted cable openings will not be used, create new openings by removing knockouts on the environmental enclosure. Install liquid-tight fittings as per local requirements and codes.
2. Uncoil the solar panel cable (red tape and zip ties) and feed it through the appropriate opening of the environmental enclosure
3. Connect the red wire of the solar panel cable to the (+) side of the solar panel
4. Connect the black wire of the solar panel cable to the (-) side of the solar panel

Solar Panel (-)   Solar Panel (+)

5. Uncoil the 12VDC lock/latch cable (yellow tape and zip ties) and feed it throug the appropriate opening of the environmental enclosure
6. Connect the red wire of the 12VDC lock/latch cable to the (+) side of the lock/latch
7. Connect the black wire of the 12VDC lock/latch cable to the (-) side of the lock/latch

8. While keeping the cables out of the way, peel off the front of the battery Velcro and slide the battery back along the bottom shelf of the environmental enclosure until it is pressed firmly against the battery Velcro
9. Connect the red battery cable to the (+) side of the battery, and the black battery cable to the (-) side of the battery
10. Confirm that the VIZpin controller LED is pulsing red

Battery Velcro

VIZpin Controller LED

Black Battery Cable

Red Battery Cable