

REPLACING THE BATTERY

The supplied 18650 3.7V rechargeable Lithium Ion battery is designed to work for at least a year before it needs replacing. If you are experiencing issues within the first year of owning your lights it is unlikely that replacing the battery will resolve the problem (please see troubleshooting). When it is time to replace your battery remove the screw cap from the underside of the solar panel, locate the battery compartment and remove the battery. Please dispose of the dead battery responsibly and in accordance with your local waste disposal guidelines.

TROUBLE SHOOTING

MY LIGHTS ARE ON BUT IT ISN'T DARK

Your Advance USB Solar Lights have a twilight sensor in the solar panel that tells them when it is dark enough to turn on. If your lights are coming on during the day by themselves this may suggest that the panel thinks it is dark when it isn't. This can happen in unusually dark weather conditions, but usually it is a sign that the solar panel is positioned in a heavily shaded location. Please rethink your solar panel location or remove objects obstructing light from reaching the solar panel.

MY LIGHTS WORKED FOR THE FIRST FEW NIGHTS AND THEN STOPPED WORKING

Usually Advance USB Solar Lights come partially charged so they will work for a few nights without receiving a fresh charge from the sun or by USB. If the lights stop working after a few nights then it is likely that they have not received a fresh charge during the first few days. Firstly you will need to improve your solar panel location (see page 2). Once you have done that USB charge your lights (see page 1) and try them again. If you don't have access to a USB charging device, switch the lights off and leave them off for a minimum of 3 days to allow the battery to fully charge.

I CAN NOT GET MY LIGHTS TO TURN ON AND THEY NEVER HAVE

1. Please start by checking that your lights are switched on.
2. Remember that Advance USB Solar Lights will only come on after dark or in a dark room inside.
3. If it is dark and they are not coming on there might be a nearby light interfering with the twilight sensor. This could be nearby streetlights or lights coming from inside or outside your property or a neighbouring property. To check this simply cover the solar panel completely with a thick cloth or a coat. If the lights then turn on remove the cloth and adjust the angle of the solar panel until it is no longer affected by the light that was causing the interference.
4. Usually our Advance USB Solar Lights come partially charged, but this isn't always the case. Please USB charge your lights (see page 1) and try them again. If you don't have access to a USB charging device, switch the lights off and leave them off for a minimum of 3 days to allow the battery to fully charge.

ADVANCE

USB SOLAR SMART APP CONTROLLED FESTOON LIGHTS

USER GUIDE

Thank you for choosing our Advance USB Solar Lights. Please read these instructions carefully before you begin

HOW ADVANCE WORK

During the day the sun's rays are absorbed by the solar panel which sends that energy to the battery inside the solar panel where the energy is stored. After dark the battery powers the lights. Advance have been designed to work year-round using solar power alone, but you can also fully charge the battery or batteries quickly at any time by using a USB charging device such as your computer or a USB wall plug adapter (see 'USB charging' below).

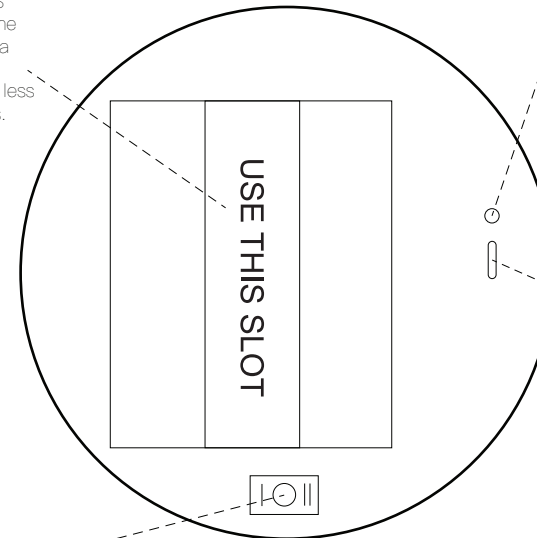
BEFORE YOU BEGIN

Although not essential, we thoroughly recommend fully charging your solar panel via USB before enjoying your lights for the first time. If you do not have access to a USB charging device such as a computer or a USB wall plug adapter, we advise installing your lights and leaving them to charge outside for 3 days prior to first use. During this initial charge up period, please ensure that your Advance lights are switched off (see diagram below).

CONTROL LAYOUT

BATTERY BAYS

Please ensure the middle bay has a battery installed if you are using less than 3 batteries.



USB CHARGE INDICATOR LIGHT
This light will glow red during USB charge and turn green once charging is complete.

USB CHARGING PORT
Use the supplied USB lead to speed charge your Advance lights by plugging it into a USB port on your computer, or by using a USB wall plug adaptor.

Do not leave your solar panel unattended for long periods when it is charging by USB.

POWER SWITCH

Pressing the switch towards II will power the lights at full brightness. Pressing the switch towards I will power the lights at half brightness which doubles runtime. Centring the switch on O will turn the lights off completely, but they will still charge.



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PRODUCT CODE: SC2204 - THE SOLAR CENTRE LTD - 44-46 COLDHARBOUR LANE
HARPENDEN - HERTFORDSHIRE - AL5 4UN - UNITED KINGDOM WWW.SOLARCENTRE.CO.UK

USB CHARGING

See diagram on previous page. To USB charge the battery simply unscrew the cap on the underside of the solar panel, insert the smaller end of the supplied USB cable into the USB charging port and the large end into a USB wall plug adapter or a USB port on your computer. Please note that your computer needs be powered on during USB charging. Initially, the USB charge indicator light will glow red, but it will change to green once the battery is fully charged. Charging times vary, but typically takes around 4 hours with a single battery installed. **N.B Please do NOT leave your Advance Solar Panel to charge unattended for longer than a few hours and disconnect the control tube from your USB charging device soon after the light turns green.**

ADDITIONAL BATTERIES

Your Advance Solar Panel comes with a single Lithium Ion 18650 battery installed in the middle battery bay with an empty battery bay on either side. These two spare bays give you the option to add one or two additional batteries which will double or triple the total charge capacity of the unit. Please ensure that any additional batteries used are 2200mAh so that they match the battery supplied. You can upgrade to a higher mAh battery so long as all the batteries in use have the same mAh rating. We recommend fully charging the unit by USB if new batteries are added. Please ensure the middle bay has a battery installed if you are using less than 3 batteries.

SETTING UP YOUR LIGHTS

POSITIONING YOUR SOLAR PANEL

Before positioning your Advance solar panel please think very carefully about the location you intend to put it in. Advance USB Solar Lights can be charged quickly via USB so they can work in locations that get little or no sunlight, but a good solar panel location will mean you will hardly ever need to rely on USB charging. Panels that are mounted higher up in clear south, south-east or south-west facing locations always perform best. Always try to avoid north facing or shaded areas that are obstructed by buildings, trees, fences, sheds, bushes or the shadows that these create.

STAKE MOUNTING YOUR SOLAR PANEL

Before attempting to push the stake into the ground, please ensure that the solar panel is not attached and that the ground is not too hard. Any damage caused to your solar panel as a result of attempting to drive it into hard ground is not covered by your warranty. If the ground is too hard, pour water on the desired area to soften the ground and make a hole using a strong metal object before driving your stake into that hole.

WALL, FENCE OR DECK MOUNTING YOUR SOLAR PANEL

Attach the wall mount to your wall, fence or decking using the supplied screws and screw-plugs. Once your wall mount is in place, locate your solar panel and attach it to the mount.

VERTICAL TILT

Your Advance solar panel can be tilted vertically to achieve the perfect angle to catch most of the sun. To make vertical adjustments loosen the thumb screw that attaches the solar panel to the solar panel mount and adjust the tilt angle. Once you are happy tighten up the thumb screw.

PLACING YOUR FESTOON LIGHTS

Before you begin placing your lights, please make sure that the connector on the lights will be within reach of the solar panel once you have placed your lights in your intended location. N.B. Putting too much stress on your LED light string can significantly reduce Advance's life expectancy. Always ensure that there is some slack on the light string. If you plan to wind your LED light string

CONNECTING YOUR LED LIGHT STRING TO THE SOLAR PANEL

Once you have finished placing your lights it is time to connect the light string to the solar panel. Please ensure that all connectors are fully tightened to avoid water ingress.

OPERATING INSTRUCTIONS

PLEASE NOTE THAT YOU WILL NEED A SMART PHONE OR TABLET WITH BLUETOOTH CONNECTIVITY AND THE FREE 'SMART LIFE' APP INSTALLED TO OPERATE THESE LIGHTS.

Scan the QR code to the right or search for the Smart Life app in your app store. The app is free.



Before you begin please ensure your lights have been fully USB charged, or have had at least three days charging outside (switched off). Before you begin, turn the lights off by unscrewing the cap on the underside of the solar panel to access the power switch.

1. Open the Smart Life app. Carefully read the User Agreement & Privacy Policy and agree if you are happy to proceed.
2. You will need to sign up with a valid email address that you have access to. Please read the Privacy Policy User Agreement and Children's Privacy Statement and check the 'I Agree' box if you accept the terms. Now press **Get Verification Code**.
3. The Smart Life app will send you a 6-digit verification code to the email address provided. After entering the code you will be prompted to provide a 6-20 character password which is a mix of numbers and letters.
4. Once you have entered a password you will be asked to make choices regarding permissions. Once you have decided, click **Go to App**.
5. You are now presented with 3 permission requests, Home Data, Notifications and Bluetooth. Please note that the app will need access to your Bluetooth to operate the lights.
6. You will now be prompted to add a device. Before you proceed, turn the lights on by pressing the power button on the underside of the solar panel. **Remember, solar lights wont work if the panel is exposed to light so place the panel face down or cover it if need be.** The lights will light up in a default colour.
7. Using the power switch on the solar panel, turn the lights off and then back on three times in a row reasonably quickly. The lights should then gently pulse in red.
8. Now press the **Add Device** button in the app. The app will scan for devices. As soon as it detects your Advance lights an icon of a solar light will appear under Discovering Devices... Click **Add**.
9. Solar BLT Lamp RGB will display. Press the blue + icon to proceed and then click Done (top right) once the light has connected. You can now control the colour and brightness of your lights as well as use other features such as timers etc. Google SmartLife app to learn more.