Tips & Troubleshooting

The LED Light won't come on:
Charge SS-1 Controller using the Shadowspec Charger. Please note that the SS-1 will shut down if the battery discharge below a minimum threshold; this protects the battery from permanent damage. Please charge to revive.
Tip: *The Shadowspec Mobile Application shows the battery status. (The App will not detect the device if the battery is fully discharged.)*

The Battery is charged but Light is no longer working:
Ensure the LED light is fully plugged into the SS-1 Controller.
Complete a manual switching by pushing the button on the back of the SS-1 Controller unit.
Tip: *Hold the button for 10 seconds to reset the SS-1 Controller.*

Mobile Application won't detect the device:
Unit is fully discharged and not in Stand-by mode.
Tip: *The default factory password word Shadowspec devices are "12345678"*

FCC STATEMENT

1. This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:
    (1) This device may not cause harmful interference.
    (2) This device must accept any interference received, including interference that may cause undesired operation.
2. Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.
This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
Reorient or relocate the receiving antenna.
Increase the separation between the equipment and receiver.
Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
Consult the dealer or an experienced radio/TV technician for help.

FCC Radiation Exposure Statement
This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

shadowspec
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SS-1 Bluetooth® LED Controller & Charger
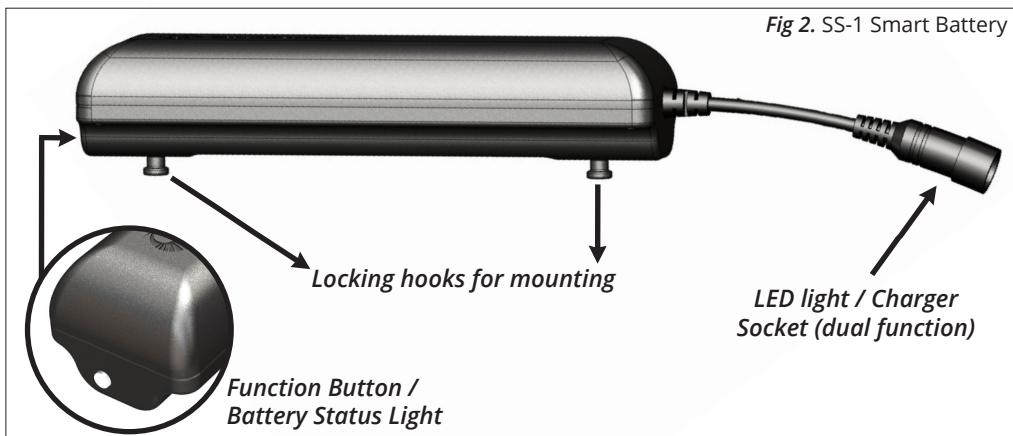
What is in the Box

1. User Manual
    (*www.shadowspec.com/smart-controller* for more information)

2. x1 Shadowspec™ SS-1 Bluetooth® LED Controller

3. x1 Shadowspec Charger Adapter with AC Lead
    (Ensure correct plug type ordered for region)

Fig 1. Box Contents

SS-1 Bluetooth Controller

Shadowspec Charger Adapter

AC Power Lead for Charger
(AU / EU / US available on request)

Get to know your SS-1 Smart Battery

Warning:

1. Only use the Shadowspec Charging Adapter to charge the Shadowspec SS-1 Bluetooth LED Controller.

2. Do not Charge the SS-1 Controller when it is fitted to the Umbrella. *(Always use the AC powered chargers indoors and in a dry, safe environment)*

3. Do not puncture the SS-1 Controller *(it contains a Lithium Ion Battery).*

4. Do not store the SS-1 Controller on the Umbrella when not in use.

Fig 2. SS-1 Smart Battery

Locking hooks for mounting

LED light / Charger Socket (dual function)

Function Button / Battery Status Light

Function Button / Battery Status Light

The Function Push Button also serves as a pilot light indicating battery and / or charging status. The LED light can be operated by pushing this button or via our **Shadowspec** Mobile Application for **Android™** devices. Please download from the **Google Play Store.**

Button function:

Push once - Light on - 100% full power *(brightness).*
Push again - Light on - 50% full power *(brightness).*
Push again - Light off *(stand-by mode to accept Bluetooth commands).*

Battery status light function:

Red Light on - Unit charging.
Green Light on - Unit charged.
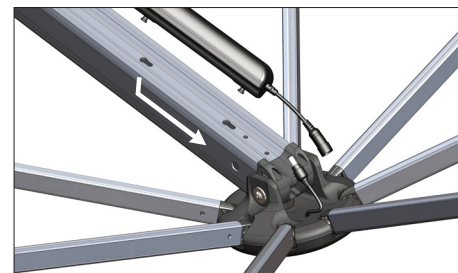*Red Light flashing* - Battery requires charging.

Installation

Fig 3. Slide SS-1 Controller hooks into key-slots located on the umbrella main spar

Fig 4. Plug the LED Light into the SS-1 Controller socket

1. Slide the fully charged SS-1 Controller onto the main umbrella spar at the LED-light end.

2. Plug the LED light into the SS-1 Controller *(Push in all the way, ensuring a waterproof connection)*

3. Remove the SS-1 Controller by sliding it back to release the hooks from the key-slots. *(See the Android Application manual for software installation and Bluetooth controller pairing.)*

Shadowspec App (Android mobile devices)

Please go to *www.shadowspec.com/smart-controller* for the software installation guide and Play Store download link.

The **Shadowspec Google Play App** allows you to control your Shadowspec LED light via Bluetooth using your Android mobile device.

Multiple Umbrella lights can be stored in memory allowing control over switching and dimming the light to create the desired ambience. *(Note: only one device can be controlled at any given time. Scrolling and pairing between devices will allow for separate control)*

The App allows password setup, custom device naming, a battery status monitor as well as a handy timer for switching the LED lights. *(Tip: Factory device password is "12345678" – please feel free to change this at any time).*

Specifications

Shadowspec LED-Light *(Unity and Serenity models)*	**Shadowspec Charger**
Input Voltage: 9V DC	**Input Voltage:** 100V–240V AC @ 50/60 Hz
Power Consumption: 900mA	**Output Voltage:** 24V @ 1000Ma
Socket polarity: tip + / ring –	**Plug polarity:** tip + / ring –