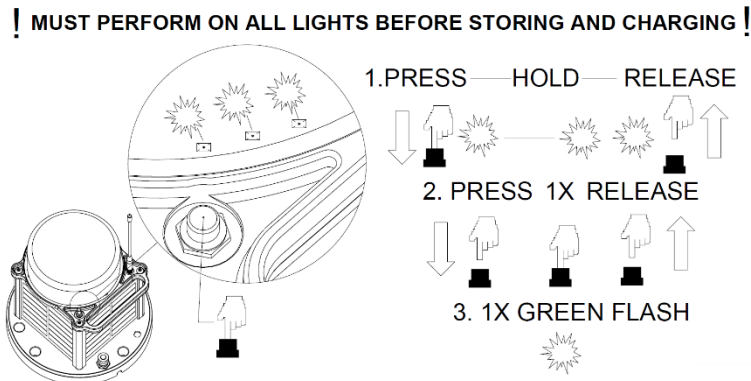


CHARGING AIRFIELD LIGHTS

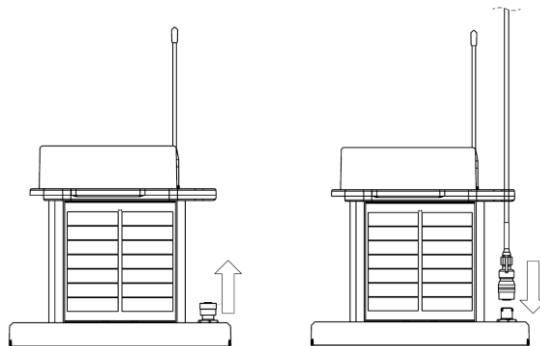
CAUTION:

- Do not connect or disconnect lights while they are charging. This could lead to shorting the charge cable and blowing a system fuse.
- Never transport and charge lights at the same time.
- Always place the trailer in a well-ventilated location when charging.

1. Prior to placing lights into trailer holding bays, set all lights to storage mode using the following procedure:
 - a. Hold down button on light until there are 2 amber flashes.
 - b. Release button.
 - c. Press and release button once quickly.
 - d. Light will produce one green flash to indicate storage mode is operational.



2. Once lights are in storage mode, place them into the racks with the handles facing outwards.
3. When light is as far back in rack as possible, detach charging cable from overhead.
4. Remove protective charge cap from connector on light.
5. Orient and install charging cable connector onto light. Rotate outer ring until connector locks into place.



6. Repeat until all lights are loaded into trailer.
7. Lock down storage racks.
8. Be sure to load the trailer evenly prior to transport.
9. Ensure all lights are secured in storage racks and connected to charging cables.

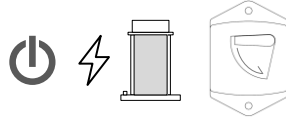
10. When ready to begin charging the lights:
 - a. Connect the trailer to an appropriately rated AC power source (100-260VAC 50/60Hz) using the provided power cord.
 - b. And/or place the trailer in an outside location that will get an optimal amount of sunlight.
11. If using AC power, turn on the battery charger disconnect.



12. If using solar power, turn on the charge controller.



13. Turn on all light banks that are going to be charging.



14. When successfully charging, each light will have 1 amber flash per second.
15. To disconnect lights, perform above steps in reverse.

NOTE: Flash recommends the Handheld Controller (HHC) is connected and charging when not in use.

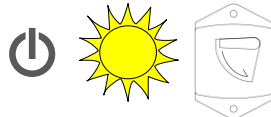
STORAGE MODE

In order to maintain field readiness, the batteries in the product need to be continuously charged.

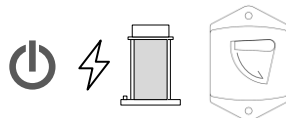
1. When storing the trailer until it is needed to charge lights:
 - a. Connect the trailer to an appropriately rated AC power source (100-260VAC 50/60Hz) using the provided power cord.
 - b. And/or place the trailer in an outside location that will get an optimal amount of sunlight.
2. If using AC power, turn on the battery charger.



3. If using solar power, turn on the charge controller.



4. Turn on all light banks (A-O).



NOTE: Flash recommends the Handheld Controller (HHC) is connected and charging when not in use.



TROUBLESHOOTING

CAUTION:

- **A qualified electrician should perform any maintenance or troubleshooting.**
- **When analyzing the trailer charging system, disconnect all power sources and turn off all switches.**

In the event that a single light is not charging within a set of lights:

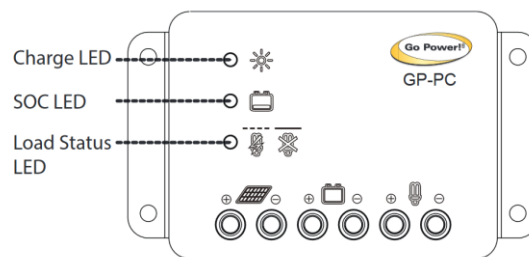
1. Check to see if the 5A fuse for that light is blown by opening the distribution box that is connected to the charging cable for the light in question.
2. If the fuse is blown, check the cable connected to the light for cuts or abrasions that would cause a short to the chassis ground and repair accordingly.
3. Once the short has been repaired, replace the fuse and energize the system to ensure that the system is operational.

In the event that an entire set of lights is not charging:

1. Trace the light charging cables back to the distribution box within the storage compartment and note the letter on the distribution box.
2. Check to see if the 20A fuse with the same letter as the distribution box is blown by opening the main power box.
3. If the fuse is blown, check the cable connected to the distribution box for cuts or abrasions that would cause a short to the chassis ground and repair accordingly.
4. Once the short has been repaired, replace the fuse and energize the system to ensure that the system is operational.

None of the lights in the trailer are charging:

1. If using AC power, make sure the battery chargers are operational and have a green check mark.
2. If using solar power, make sure the charge controller is operational, with the Charge LED flashing or steady green.



3. Check the charge controller to see if the system has entered Low Voltage Disconnect (LVD) mode in order to protect the system batteries from excessive discharge. The SOC LED will flash yellow.
4. If the system has entered LVD, connect it to a power source (AC and/or solar) and let the batteries charge sufficiently to power the system again.

Technical Support

Email: customerservice@flashtechology.com

Toll Free: 1.800.821.5825

Fax: 1.615.261.2600

flashtechology.com