Pi-Lit® Solar Type A/C Power Quick Start and Considerations

Quick Start:

1) Use the included pin to press the button on the label side of your light (look for the small hole on the base of the light)
2) By clicking the button, you can set your light to flash, steady burn, or turn it off.

IMPORTANT NOTE:

Warning lamps defined as Type A and Type C, by MUTCD requirement, flash with more energy to allow for visibility on a clear day at 1000 feet (300 meters). Providing solar battery charging to support this requirement is technically challenging and requires attention to pre-deployment charging and proper deployment.

1) Pi-Lit® recommends 1-2 days of solar charging prior to deployment. Shipping of lithium iron phosphate batteries requires that the battery be charged to no greater than 70 percent capacity.
2) When charging for pre-deployment or spring season preparation, it is most effective to charge with the lamp in the off state.
3) Maximum charging will occur when the solar panel is directed towards the sun and, if possible, angled to maximum sun exposure.
4) When deploying, if possible, aim the solar panel and angle at the sun.
5) A clean solar panel is a happy solar panel! When coated with dust or road grime charging efficiency is severely compromised.
6) For those living in northern latitudes, solar energy is limited. Attention to orientation and pre-charging is important, as is periodic cleaning of the solar panels when the lamps are returned to the shop.
7) The lamps are designed with ample battery capacity to continue to operate for up to 2 weeks without sun. Cloudy, inclement weather will inhibit charging. Should a lamp stop flashing following prolonged cloudy weather, charging is likely required. Simply place the solar panel at the most optimum angle to the sun and within 1 day of sunny skies the batteries should be back to normal. Depending upon latitude and weather, more charging hours may be required.
8) If the lamp is mounted under an obstruction, such as vegetation, hill, tunnel, etc., solar charging will not function.
9) When deployed and operating, should battery voltage drop below a critical level, the lamp will stop flashing. HOWEVER, when solar charging resumes the lamp will automatically begin to flash again.

As with all our products, we welcome telephone calls or emails to discuss technical aspects or suggestions.

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