TerraLUX WorkStar60 FAQs

1. What kind of rechargeable batteries are used in the Worklight?
   * The unit uses a NiMH (Nickel Metal-Hydride) battery pack. NiMH batteries do not suffer from the 'memory effect' of NiCd (Nickel Cadmium) battery packs and are more friendly to the environment.

2. How long (how many charges) do these rechargeable batteries last?
   * The battery pack has a cycle life of approximately 500 deep charges/discharge cycles before they are significantly depleted and unable to retain a full charge.

3. Are the batteries replaceable by the user? factory?
   * The battery pack is not replaceable. When the battery pack has been depleted and further charging does not revive it, the unit should be disposed of properly according to your local standards for electronic devices with non-removable battery packs.

4. What is the red LED indicating?
   * The red LED functions during normal operation and when the battery pack is drained such that it will not illuminate the white LEDs. When the battery pack is drained, the red LED is an indicator that the unit is still functional, but requires a charge cycle. If the red LED is not ON when the power switch is in the ON position or the white LEDs do not light when one of the adapters (AC or DC) is attached to it, the unit may defective and should be replaced or discarded properly.

5. Is it waterproof?
   * The worklight has passed IP44 standard testing; it is resistant to dust, debris ingress, and splashing water but is not waterproof.

6. Is it safety rated (eg. explosion environment safe)?
   * The unit is not rated for explosive environments or environments which are constantly damp, exposed to the harsh weather, or contain hazardous and/or reactive gases or chemicals. The AC adapter is UL rated for standard use in AC applications in the US that use 120VAC @ 60Hz. It is possible for the switch to generate a spark (not visible to the user) on contact and thus the unit should not be used in ignitable/flammable atmospheres.

7. How long does the unit need to charged when the white LEDs are dim or do not light?
   * 90 minutes on a charging adapter (either AC or DC) with the unit OFF will fully charge the battery pack under normal conditions.

8. Can I leave the unit on the charger for extended periods?

* It is not recommended that you leave the unit on a charger for more than a couple of hours as excessive charging will adversely affect the units total cycle life and may cause the unit to fail prematurely. Do not leave the unit plugged in over the weekend or for days at a time.

9. The unit is warm to the touch during charging, is this normal?

* The lower section containing the switch and battery pack will get warm to the touch during charging and as long as the charging unit is plugged in. The unit should never be too hot to touch or hold in your hand and should not be charging in excessively hot (direct sunlight), cold, or wet environments. If the unit is too hot to hold or has been charged for 90 minutes and still does not light properly, the unit should be returned for replacement where applicable, or disposed of properly. There are no user replaceable parts inside this unit and attempting modification voids our warranty.

10. Is the unit impact resistant?

* The unit can sustain a short distance fall (~3 feet) but is not specifically designed or rated to be prevent damage if the fall is excessive, it is run over by a vehicle, or crushed between a hinged mechanism (hood of car, storage container, etc.)

11. Can I use the unit while plugged into the AC or DC adapter?

* The unit can be used while plugged into the AC or DC adapter but will not charge completely if the unit is left ON during this use. To charge the unit completely, turn the unit OFF after use while still plugged into the charger.

12. The unit has been plugged in for at least 90 minutes and does not work, is it defective?

* Verify that the AC or DC adapter is plugged into a working receptacle. AC adapters may be on a surge surpressor or AC utility stick that may be turned OFF. DC adapters may be subject to the car or boat being in the 'Accessory' position on the ignition switch and not function with the ignition turned completely OFF and/or the key removed. The AC adapter may be damaged by excessive surges or physical damage. If it is reasonable to assume that the AC or DC adapters are getting power from their source and the white LEDs do not work or are dim after a normal charging time then the unit may be defective and should be replaced or discarded properly.