

## Battery Care to Protect Your Investment

Correct care of the rechargeable battery in your Illuminated Wholesalers Illuminated Product will help you to achieve the longest possible battery life.

### New Products

Illuminated Wholesalers Illuminated Products are tested at the factory, as well as before they leave our warehouse, however the new rechargeable battery must be fully charged before use. Simply plug the supplied charger into your Illuminated Product and let it charge (while the product is not turned on to glow) for approximately 12 hours, even if the charge indicator light shows it is charged. Please note that the battery may require several charge/discharge cycles before achieving its maximum capacity.

### Don't Overcharge

Do not leave your Illuminated Wholesalers Illuminated Product plugged into the charger for extended periods of time when it is not in use. Generally if the product is charged whilst not turned on then 12 hours is sufficient time to ensure it is fully charged. Continual overcharging can shorten the overall life of the battery.

### Factors Affecting Battery Run-Time

The amount of battery run-time depends upon the power draw of the LEDs for a specific product. For example, some Illuminated Products have more LEDs than others and will therefore drain the battery faster. The run-time of the battery is also affected by the setting of the LEDs during use. For example a product set to strobe or flash will generally drain the battery faster than one set to static colour.

### Illuminated Wholesalers Chargers Only

Only use the charger supplied with your Illuminated Wholesalers Illuminated product to recharge. The use of other chargers may cause damage to the battery.

### Don't Drop

The battery unit can be damaged if the Illuminated product is dropped or the product is subjected to heavy impact. If the product is dropped or impacted then you should check that the battery unit is still intact before using again.

### Avoid Moisture

Avoid exposing the battery unit or charger to moisture or rain. Illuminated Wholesalers Illuminated Products are generally well sealed against moisture, but always charging your products inside will assist in avoiding exposure to outside elements.

### Avoid Extreme Heat

Always try to keep your Illuminated Wholesalers Illuminated product in a cool location and especially away from fire or other sources of extreme heat. The rechargeable battery (and the Illuminated product itself) can be damaged if exposed to extreme heat and there is even a possibility the battery can explode (as is the case with all batteries).

All batteries normally get warm during charging and use. Charging the battery in a cool location (up to 25°C) will help to extend its life.

### Forget Me Not

A charged battery will eventually lose its charge if unused. It may therefore be necessary to recharge the battery after a storage period. Do not leave the battery unit discharged or unused

for extended periods of time. To extend the battery life, charge your product at least every 2-3 months.

#### Discharge Battery for a Better Life

Continually charging a battery that is only partially used or discharged can have an effect on the overall charge capacity of the battery. This is commonly known as memory effect.

The best way to avoid the memory effect is to fully charge and then fully discharge the product battery at least once every 2 months. You can do this by simply leaving the product operating until the batteries discharge completely. This will help ensure your battery remains healthy. Once discharged, recharge the battery completely for a full 12 hours.

#### Total Battery Life

The life of a rechargeable battery operating under normal conditions is generally between 500 to 800 charge-discharge cycles. As the rechargeable battery begins to expire, you will notice a reduction in the running time of the product. When a product that originally operated for 8 hours is only running for an hour, it may be time to replace the battery.

#### Replace Only with Recommend Batteries

Once your Illuminated Wholesalers Illuminated battery does eventually need replacing, you can always purchase a replacement from our online store in the 'Spare Parts' section. By using an Illuminated Wholesalers supplied battery you are assured that it is the best way to protect your Illuminated Wholesalers Illuminated Product into the future.