

Vinnie's Advisory Tips – Metalsub XRE-700 / 1000

Intelligent Processor Controlled.

First thing to know is that your Metalsub light is an intelligent processor controlled light. Your light is never completely powered off, very much like putting your TV in standby mode, the light's processor is powered continuously.

Your Metalsub light is fitted with a Lithium battery and charged via an external adaptor. This means the charger controller circuit is inside the light. If the light is stored in a discharged state for an extended period of time then the residual battery level may drop below the required level to allow the charger circuit to operate. In this case the light will need to be returned so the battery can be jump started.

Best Practise.

After washing in fresh water and drying your light, fully recharge after use and charge every few months during storage. Please ensure your light is dry before charging. If water gets on the charging terminals then these will show signs of discolouration. Terminals can be cleaned using wire wool gentle rolled in the terminals. I use jewellery cleaner solution with wire wool but vinegar is also an option.

Battery Level Indicator LED.

Your Metalsub light is fitted with a Battery Level Indicator LED.

The LED will display Off, Red, Amber, Green.

Actually the LED are only two colours Red and Green. Amber is made up of Red and Green. Sometimes especially in water Amber can be mistaken for Red.

Lithium Battery Recharging.

Power Level Indicator LED will give you a clue as to how the charging is progressing.

Solid green LED indicates that your light is charging.

Flashing green LEDs indicates your light is fully charged.

Please note leaving your light charging when the Power Level Indicator LED is flashing green will NOT charge the light any more (safety first, it is a bad idea to over charge lithium batteries)

Lithium Battery Life.

The lithium battery life is around 500 cycles. One cycle being fully discharged to fully recharged. So with lithium batteries you do NOT need to drain the battery down before recharging. If you have only used half the battery power and then recharge then this equates to half of one cycle.