



# Eco Drive Recharge Guide

## Movement Caliber E111

Your Eco Drive watch does not operate on a battery, but is powered by light. It features a special energy storage cell that must be recharged on a regular basis. It is best to expose your watch to light daily to ensure optimal performance. Once fully charged, your timepiece will run for approximately **180 days** without additional charging. Outlined below are the full recharge times from a complete discharge utilizing various light sources.

### INDOOR LIGHT

Fluorescent light at 6” distance

Office Light  
See Below\*

Incandescent light at 20” Distance  
46 Hours

### OUTDOOR LIGHT

Outdoors on a Cloudy Day  
14 hours

Outdoors on a Sunny Day  
7 hours

\*Usually, overhead office light is insufficient to achieve a full charge from a completely depleted power reserve. We recommend that you use natural outdoor light, or an incandescent light source 20” from the watch for charging a watch in this state. However, office lighting is sufficient for keeping your watch continually charged.

**After fully charging your watch from a complete discharge or some other malfunction, be sure to perform the ALL RESET. This is accomplished by pulling the crown out one ‘click’ for a non date/day-date model, or two ‘clicks’ for a date/day-date model. Leave in this outermost position for 30 seconds, then return the crown to the closed position next to the case. The time and date/day-date(if applicable) may now be set. You may also find instruction sets on our web site at [www.citizenwatch.com](http://www.citizenwatch.com) in the Technical Support area under Setting Instructions.**

### Low Charge Warning

The watch indicates if the power reserve is low, while it continues to keep accurate time. If the watch is not recharged within one to twenty days depending on the model, it will stop.

**Eco-Drive Elite (two-hand models)** The minute hand moves in one-minute intervals

**Eco-Drive Elite (Three Hand Models), Modena, Elektra, Silhouette, Skyhawk, Eco-Drive 180, Eco-Drive 500, Eco-Drive Diver, Eco-Drive World Timer, Eco-Drive GMT World Timer and Eco-Drive Perpetual Calendar** - The second hand moves in two-second intervals.

**Eco-Drive Aqualand** The small hand moves in two-second intervals. The function hand moves to the position “NG”.

**Eco-Drive Chronograph** The second hand stops at the CHARGE mark on the dial. About 5 days advance warning. If the watch stops, the second hand stops at the STOP mark on the dial

### Quick Start Feature

Some models are equipped with a Quick Start feature (indicated above). This allows the watch to quickly start after it has stopped after only a few seconds of exposure to light. While this “Quick Start” starts the movement, it needs full charging for proper operation. The time will also need to be set to “reset” the movement and correct the time