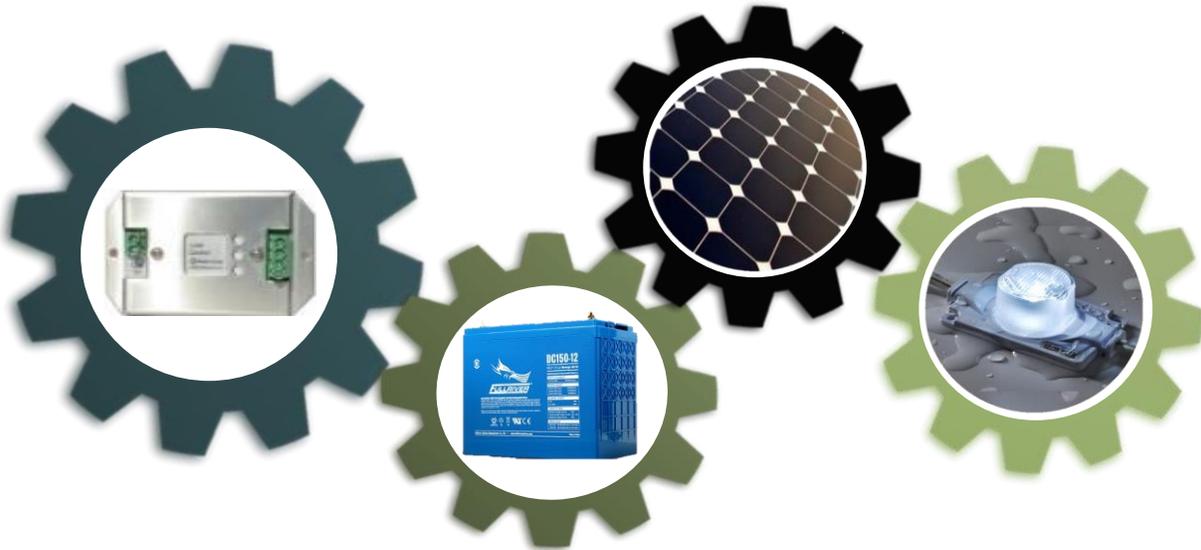# EcoLiteco

Solar 24-Volt, 20-Amp Scalable DC Lighting Controllers

EcoLiteco's Solar Lighting Controllers are the Key to Getting a Project Done Right the First Time, Every Time!

Specifically designed for rugged environments, EcoLiteco's DC Solar Lighting Controllers have been successfully employed for billboards, signs, landscaping, transit shelters and more! One of the most important aspects of our 24-volt controller line is how easy it is to scale for any project. For example, a single 24-volt "Core" controller will address both 20-amps of solar and load. However, if more solar or load amps are needed, one of our solar or load controllers can simply be added to the mix to size up to meet your requirements.

Our stainless-steel encased controllers feature charging and low battery indicators and are completely sealed in epoxy potting to prevent electronic component failure. However, the most important aspect of our controllers when compared to all other such products, is that they are micro-processor controlled. This allows us to maximize battery-life expectancy by programming the exact charging voltage and the amount of discharge specific to each battery type. These advanced component and battery safeguard features protect our customer's solar lighting investment well into the future!

24-Volt, 20-Amp Light Controllers:

One (1) Core, Load or Solar

Stainless-Steel Enclosure

Automatic Dusk-to-Dawn or Two On/Off Time Frames Per Day (call for specifications for site's geographic area)

Battery Type: AGM, Gel and Lead Acid

Reliable Circuitry 100% Sealed in Epoxy Potting

Temperature Range: -40°F to +125°F, –40°C to +52°C

Size: 3.125H x 5.50W x 1.75D in, 8H x 14W x 4.5D cm ea.

- ➢ **Weight: 12.6 oz, 357.20 gm ea.**
- ➢ **Battery Consumption: Standby (300 Milliamps)**
- ➢ **Protection for Both Photovoltaic (PV) and Batteries Against Short-Circuit and Reverse Polarity Overload**
- ➢ **No Radio Interference**
- ➢ **LED Status Indicators**
- ➢ **Built-in Blocking Diode**
- ➢ **Microprocessor Driven**
- ➢ **Three (3)-Year Manufacturer's Warranty**

Custom Configurations Up to 100 Amps Available