

Solar Charge Controller Assembly for Large Commercial Signage



EcoLiteco Solar Charge Controller Assembly is Completely Assembled for Effortless Installation

Did you know that a solar-powered lighting solution can provide a return on investment by saving thousands of dollars in energy costs? EcoLiteco's DC LED lighting solutions have been successfully employed for billboards, signs, landscaping, transit shelters and more for many years and are the key ingredient to getting a solar lighting project done right!

Effortlessly create an independent solar-power source for any sized DC LED lighting project with an EcoLiteco 24-volt Solar Charge Controller Assembly. This two controller assembly was designed to accommodate the majority of solar lighting projects (20 amps of solar, and 20 amps of load) in the industry. However, custom assemblies are readily available for larger projects.

Built in North America, each controller is completely sealed in epoxy potting to prevent electronic component failure. Our rugged 24-volt stainless-steel solar charge controllers are micro-processor controlled, which allows us to maximize battery-life expectancy by programming the exact charging voltage and the amount of discharge specific to each battery type. This battery safeguard, along with many more microprocessor controlled features, protects our customer's solar lighting investments well into the future.



Solar Charge Control Assembly

- Polycarbonate Electronics Enclosure (UL Rated)
- Marine-Grade Breaker, Fuse Block and Bus Bar
- Micro-Processor Controlled 24 Volt Solar Controllers
 - Reliable Circuitry 100% Sealed in Epoxy Potting
 - Temperature Range: -40°F to +140°F
 - Maximum LED Load: 20 Amps
 - Maximum PV Input: 20 Amps
 - Modular Design – Add 20 Amps LED or PV

- Protection for Both Photovoltaic (PV) and Batteries Against Short-Circuit and Reverse Polarity Overload
- Can Charge a Completely Discharged Battery
- No Radio Interference
- LED Status Indicators
- Built-in Blocking Diodes
- CE and RoHS and Compliant
- Two (2)-Year Manufacturer's Warranty

Custom-made Controllers to meet specific battery Manufacturer's technical requirements are available.