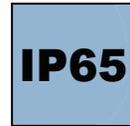


Intelligent Remote Solar Controller

SOLAR LIGHTING SYSTEMS



PROJECT INFORMATION

Project Name _____

Catalog No. _____ Date _____

DESCRIPTION

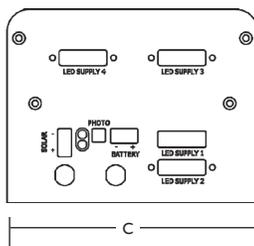
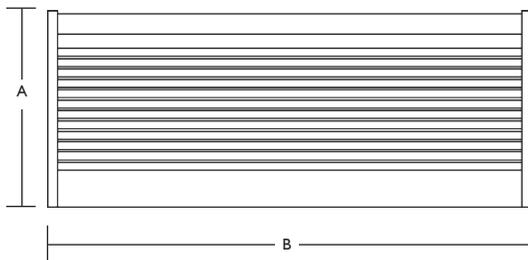
The ActiveLED[®], Intelligent Remote Solar Controller is specifically designed to manage and control an ActiveLED[®], or compatible solar-charged battery-powered light assembly. The ActiveLED[®], Intelligent Remote Solar Controller maximizes available solar energy, while efficiently charging battery energy to power a nighttime light, effectively minimizing energy losses.

Applications include: Parking Lots, Parks, Recreation Areas and Minor Roads.



Intelligent Remote Solar Controller

DIMENSIONS



| A | B | C |
|--------|---------|----------|
| 4.76" | 6.13" | 40.32" |
| 12.1cm | 15.59cm | 102.41cm |

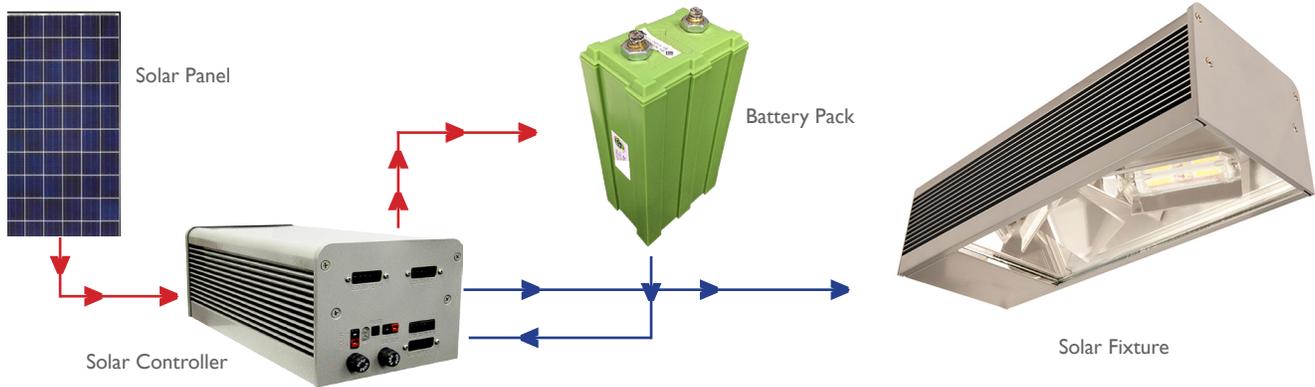
FEATURES

- Manage and control the attached solar array, battery pack and light fixture.
- Harvest the maximum available solar energy for recharging the battery pack.
- Maximize the life of the battery pack by preventing over and under-charging.
- Maximize the light output and illumination time by managing the power consumption of the light fixture.
- Protection of battery pack, solar array and electronics when any component is disconnected or when a low-battery condition exists.
- Warranty - 10 Year Warranty on the ActiveLED[®] Remote Solar Controller.

ActiveLED[®]
Energy Efficient Lighting and Controls



BASIC WIRING DIAGRAM



GENERAL SPECIFICATIONS

| | | | |
|----------------------|---------------------------------------------------------------------------------------------------------------------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Battery Pack Voltage | 48 Volts DC | Connectors | Two-pin polarized connector to the Battery Pack (1) Two-pin polarized connector to the Solar Array (1) Two-pin polarized connector to optional Dusk/Dawn Sensor (1) Four-pin polarized connector to the Light Fixture: (pins 1 & 4 DC voltage, pins 2 & 3 for control signals) (qty 4) |
| Solar Array Input | From 22 Watts min to 760 Watts max 42 Volts max 16 amps max input current | Battery Management | Charges/Recharges a 48VDC Battery Pack using the generated energy from the Solar Array, 18 to 42VDC |
| LED Light Support | Supports (connects to) up to four LED light fixtures Up to 100 watts max per channel Up to 400 watts total per Solar Controller | Dimensions | 12.0" (L) x 6.0" (D) x 4.7" (H) (30.5 x 15.2 x 11.9 cm) |
| Energy Factor | 95% Efficiency or better | Weight | 8.0 lbs (3.6 Kg) |
| Housing | Extruded aluminum for enclosure and heat sinking parts, stainless steel hardware | | |
| Finish | Powder coated after fabrication | | |

WARRANTY

Ten (10) Year Warranty - Shall conform to its published specifications under normal usage and operating conditions.

LISTINGS AND TESTS

RoHS compliant. Conforms to FCC Part 15.19 Subpart B Class A. Made in USA
ARRA Compliant.

ORDERING INFORMATION

Example: 00-27-1617-0000

00-27-1617-0000

Style

**Intelligent Remote Solar
Controller**