

Solar Light Control Module Data



Overview

The CL0116 controller IC integrates battery charging, LED driving, and boost conversion functions with over 90% efficiency. A single rechargeable battery (typically 600mAh-1000mAh) can power the LED for more than five hours, depending on capacity. Lead-acid battery and lithium battery are interchangeable, and operation parameters can be set by remote control. 4G wireless communication is provided to set/read parameters, read. Simple to install and set up, Modular Lighting Controls offer the opportunity to create individually tailored systems to meet the requirements of many types of applications. Unique ON/OFF/ON settings conserve energy and turn proven SunSaver platform and adds microcontroller-managed lights on ag in for 1 or 2 hours before sunrise. As a. What is PV Components Catalog?

PV Components Catalog is a detailed, collaborative, and searchable platform of verified PV components from manufacturers all around the globe. It offers up-to-date, verified specifications on PV modules and inverters.



Article Content

May 28, 2026

Solar Lawn Lamp Control Board 2Pcs SS1208 Solar Controller

2Pcs Solar Controller Board SS1208 Solar Lamp String Controller Module Control Circuit Board with Switch 1.2V 100mA 8 Kinds

Oct 11, 2025

SunLight

Morningstar's SunLight™ solar lighting controller combines the SunSaver design with an advanced

Jul 29, 2025

Waveshare Solar Power Manager Module (D), Solar Charge ...

Waveshare Solar Power Manager Module (D), Solar Charge Controller USB, Supports 6V~24V Solar Panel and Type-C Power

Nov 17, 2025

Photovoltaik Moduldatenbank

Umfangreiche Produktdatenbank für Photovoltaikmodule, Solarmodule mit elektrischen und mechanischen Daten und Datenblatt.

Jul 20, 2026

SRNE EH AC/DC Hybrid Street Light Controller|12/24V 15A

This hybrid AC/DC street-light controller by SRNE supports a wide 50-4000mA LED current range for 12/24V lighting, rated at IP67.

Jun 18, 2026

10Pcs Solar Light Circuit Board Controller Solar Lamp

10Pcs Solar Light Circuit Board Controller Solar Lamp Control Panel ≤120mA Lamp String Controller

Aug 19, 2025

SMART MODULE CONTROLLER

*1 The maximum power of PV module at STC shall NOT exceed the “Rated Input DC Power” of the power optimizer. PV modules

Apr 01, 2026

PWM Solar Charge Controller User Manual

PWM Solar Charge Controller User Manual This controller is suitable for lithium batteries and all kinds of lead-acid batteries (OPEN,

May 19, 2026

PWM Solar Charge Controllers | Phocos

In solar lighting setups, our controllers include various cutting-edge control options, including automatic

May 08, 2026

Solar Light Control Panel Kit 1.2V Solar Light Control

This solar light control panel charging during the day, turning on the lights in the evening

Aug 12, 2025

PV Components Catalog

A dedicated team maintains and organizes the catalog through close collaboration with manufacturers, covering both current

May 27, 2026

BlueSolar Monocrystalline Panels

Exceptional low-light performance and high sensitivity to light across the entire solar spectrum. 25-Year limited warranty on power

Jul 14, 2026

Indiegogo

Indiegogo is where amazing projects come to life. Easily manage crowdfunding and pledge managers.

Jun 15, 2026

Simple Solar Light Circuit

An automatic solar garden light uses a solar panel to charge a rechargeable battery during the day. At night, a

Mar 05, 2026

Solar Light Circuit Board, Solar Control Board, Solar Lamp ...

[Solar Control Board]: With light control function, during the day and automatically turn on the light at night [Good

Dec 17, 2025

Modular Lighting Controls

Simple to install and set up, Modular Lighting Controls offer the opportunity to create individually tailored systems to meet the

Jun 09, 2026

Power ESP32/ESP8266 with Solar Panels and Battery

This tutorial shows step-by-step how to power the ESP32 or ESP8266 board with solar panels using a 18650 lithium

Mar 26, 2026

SUNLIGHT™ SOLAR CHARGE CONTROLL

rotary digital switch (see back). User adjustable for 2 to 10 hours ON or Morningstar's SunLight™ solar controller built on the

Jan 13, 2026

Stock Portfolio Management & Tracker

Track your personal stock portfolios and watch lists, and automatically determine your day gain and total gain at Yahoo Finance

Mar 09, 2026

10pcs Solar Charge Control Board, 30mA Solar

Light control function: This solar light charging control board has a light control function, charging during the

May 29, 2026

Kennzahlen für Solarmodule: Blick ins Moduldatenblatt gibt Aufschluß

Das Moduldatenblatt beschreibt alle relevanten Daten eines Moduls. Auf was sollte man achten? Welche Parameter sind wichtig und

Nov 13, 2025

Lighting Control Module

The range includes a series of programmable Lighting Control Modules and a choice of PIR and microwave detectors each with

Apr 07, 2026

MPPT Charge Controller Datasheet

Model Maximum PV open circuit voltage MPK2-40 MPK2-60 MPK2-80 Input MPK2-100
150V (at the lowest temperature), 138V (at a

Apr 18, 2026

BlueSolar PWM (12 / 24 / 48 Volt) | Victron Energy

BlueSolar PWM-Pro The BlueSolar PWM-Pro series is ready for use with its default settings. It also is fully programmable. • Lighting

Apr 11, 2026

Solar-powered LED-based lighting facilities: An

Solar-powered LED-based lighting facilities: An overview on recent technologies and

Jun 30, 2026

Solar Charge Controller SRNE

A smart solar charge controller offers advanced features such as remote monitoring and control, data logging, temperature

Jul 23, 2026

BlueSolar PWM-Light Charge Controllers 12/24V

Load output with low battery voltage disconnect function. Lighting control function, one timer only. Two digit seven segment display

Contact Us

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