

Applications:

- Street and area lighting
- Billboard and sign lighting
- Garden lighting
- Bus shelter lighting
- Traffic warning signal



Features:

- PWM smart charging
- Temperature compensation
- Over charge protection and low voltage disconnect
- Reverse polarity protection
- Short circuit protection, smart fault detection and automatic re-start
- Automatic dawn/dusk detection and advanced time control and work modes
- Manual test mode for safe and easy installation
- One button setup, configuration in seconds
- LED status indicator
- DC or 1HZ flashing output
- 12V/24V automatic detection option available

Specifications:

| Features/Model | SDRC | SDRC-Dual | SDPC |
|--------------------------------|--|-----------|---------|
| Dual circuits control | No | No | Yes |
| Dual time setting | No | Yes | Yes |
| Rated charging current | 5A, 10A | 5A, 10A | 5A, 10A |
| Rated load current | 5A, 10A | 5A, 10A | 5A, 10A |
| Working Voltage | 12V, 12V-24V auto detect (optional) | | |
| Overload Protection | 1.5 times rated load current for 5 sec 1.25 times rated load current for 60 sec | | |
| Short-Circuit Protection | ≥ 3times rated load current | | |
| Idle draw | ≤ 6mA | | |
| Charging Circuit Voltage Drop | ≤ 0.26V | | |
| Load Circuit Voltage Drop | ≤ 0.15V | | |
| Over Voltage Protection | 17V for 12V; 34V for 24V | | |
| Working Temperature | -31°F - 131°F | | |
| Boost Charge Voltage | 14.6V/12V; 29.2V/24V | | |
| Direct Charge Voltage | 14.4V/12V; 28.8V/24V | | |
| Float Charge Voltage | 13.6V/12V; 27.2V/24V | | |
| Charge Return Voltage | 13.2V/12V; 26.4V/24V | | |
| Temperature Compensation | -5mv/°C/2V | | |
| Lower Voltage Indication | 12V/12V; 24V/24V | | |
| Over Discharge Voltage | 11.1V/12V; 22.2V/24V | | |
| Over discharge recover voltage | 12.6V/12V; 25.2/24V | | |
| Charge control | PWM Smart Charging | | |

