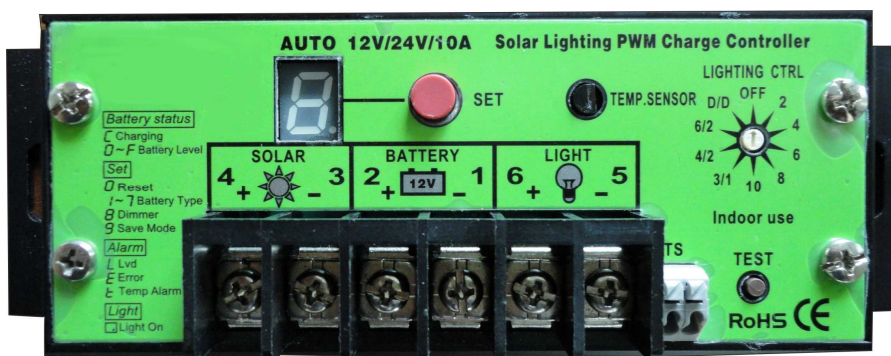


LIGHT FOCUS CORPORATION

CA-010-02 12/24V10A

PV Lighting PWM Charge Controller Over Lead Acid Battery for LED Street Light

| Item | CA-010-02 | Unit |
|-------------------------------------|--|--------|
| Rated Voltage | 12V/24V Auto Detection | V |
| Imp / Wmp | 12V/10Amax /100Wmp // 24V/10Amax /200Wmp | A/W |
| Vmp / Wmp | DC12V for Vin ≤ 65Vmp, 100w // DC24V for Vin ≤ 65V, .200WmAX | V/W |
| Surge Current Protection | | YES |
| Voltage Drop in Charging Loop | < 0.25V | V |
| Voltage Drop in Discharging Loop @ | < 0.25V | V |
| Over-Voltage Protection | 17V/34V | V |
| Cutoff Voltage | 13.7V/27.4V | V |
| Under-Voltage Protection | 10.5V~11V/21V~22V | V |
| Temp. Compensation | -3mv/°C/cell | m V/°C |
| No load Loss | ≤20mA | mA |
| Max Wire Size | 4mm2 | mm2 |
| Ambient Temp. range | -40°C —— + 60°C | °C |
| Dimension | 167.6 mm × 56.5 mm × 32.3mm | mm |
| Weight | 435 | g |
| Center Point Between Screw Hole for | 154.6 | mm |
| Cooling Interval Between Each | 100 | mm |
| Upper cooling space | 50 | mm |
| IP Rating | Indoor Type or In-box installed , | |
| Display | 7-Stage LED Display | |
| Installation | Wall-Mount | |
| Cooling | Natural cooling | |
| Ambient Temp. Sensor | PTC | |
| Temp. Sensor :BTS | PTC : 10k Ω | |
| Battery Type | Gel; Sealed; Flooded | |



Applications:

- Solar LED Street Light
- Solar LED Garden Light
- Solar lighting system

LIGHT FOCUS CORPORATION

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