



## CC03 Solar 12v / 24v Charge Controller

### TECHNICAL SPECIFICATIONS

#### GENERAL



- This programmable control module regulates and manages the solar panel power, battery power, and illumination timer.
- Pulse-width modulation (PWM) type charge controller.
- Controls load activation with either one time setting or two time settings.
- Load control settings: Load on all the time, dusk till dawn, time setting, dusk time setting.
- Max PV Array Power: 12V array configuration 250W Max, 24V array configuration 500W Max
- Max Load Current: 15A with load protection, 1.25x Amax controller will switch off load.
- The compact control module has LED indicators to display status, input connections for solar panel and batteries and output connections for the lamp.
- Push button programming.
- Accepts and controls GEL and AGM sealed lead acid type (VRLA) batteries.
- Low voltage disconnect regulated by state of charge or voltage.
- Detects daytime and night time conditions via the solar panel.
- Automatic adaption to ambient temperature conditions.
- Safety features for short circuit and reverse polarity protection of battery and lamp inputs.
- Automatic voltage recognition.
- Float voltage for 12v system 13.7 or 24v system 27.4v dc.
- Low voltage disconnect for 12v system 11.4 ~ 11.9 or 24v system is 22.8 ~ 23.8v dc controlled by state of charge.
- Reconnect voltage for 12v system 12.5V or 24v system 25.6v dc.
- Dimensions approx. 12 cm x 10 cm x 4 cm (4.5" x 4" x 1.5") LxWxD.
- Ambient temperature range -40 deg C ~ +50 deg C (-40 deg F ~ +122 deg F).

One Year\*  
Warranty

Low Price  
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Shipping

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