

### Features

- 12V/24V auto recognition
- LED indicators for displaying the solar charging & battery loading status.
- Four working modes available for different loading and working circumstance.
  - Working status, and parameter would be auto recorded if power failure happens, no need to re-set the controller, it's easy to operate.
  - Various kinds of electronics protection for solar panel, loading and controller.
  - Adopts the latest solar charge algorithm for battery, of which service life can be extended by protecting the battery from vulcanization, through auto equalization charge once a week.



### Specifications

|  |   |
|--|---|
| Models                                       | CPW-20C   |
| Rated Charge/Load Current                    | 20A   |
| Battery Voltage                              | 12/24VDC  |
| Absorb Charge Voltage                        | 14.9±0.3 /2*(14.9)±0.3                                      |
| Float Charge Voltage                         | 13.8±0.3 /2*(13.8)±0.3                                      |
| Recommended PV Open Circuit                  | 18/36   |
| Recommended PV Open Circuit Voltage (Approx) | 55VDC   |
| Automatic Protection                         | Over Charge and Discharge, Short Circuit , Reverse Polarity |
| Under Voltage Warning                        | 11.5±0.3 /2*(11.5)±0.3                                      |
| Under Voltage Protection                     | 11.1±0.3 /2*(11.1)±0.3                                      |
| Charge Status Indicator Lights               | Green-Ready, Yellow-charging                                |
| Light Control DC Output                      | Auto night switch on and day switch off with timing control |
| No Load Current                              | ≤10mA   |
| Operation Temp                               | -35~85°C  |
| Control Mode                                 | 3 stage PWM charge mode                                     |
| Cooling                                      | Natural (no fan)  |
| Light Control DC Output                      | Yes   |
| Time Control DC Output                       | Yes   |
| Temperature Compensation                     | option  |
| Certification                                | CE  |
| Weight (kg)                                  | 0.23  |
| Size (mm)                                    | 160*73*34   |

\*Note: The Specifications are subject to changes without notice.