



Function:

According to the voltage of battery, controller will adjust the charging current and decide if to supply power to the loads.

1. Generally keep the battery on full voltage condition.
2. Prevent the battery from over-charging.
3. Prevent the battery from over-discharging.
4. Prevent the battery from supplying power to solar panels during nights.

Technical Specification:

Mode: CMP12-12A

Output Voltage(DC): 12V/24V AUTO SWITCH

Max Load Current: $\leq 12A$

Full Charge Cut: 13.7V/12; X2/24V

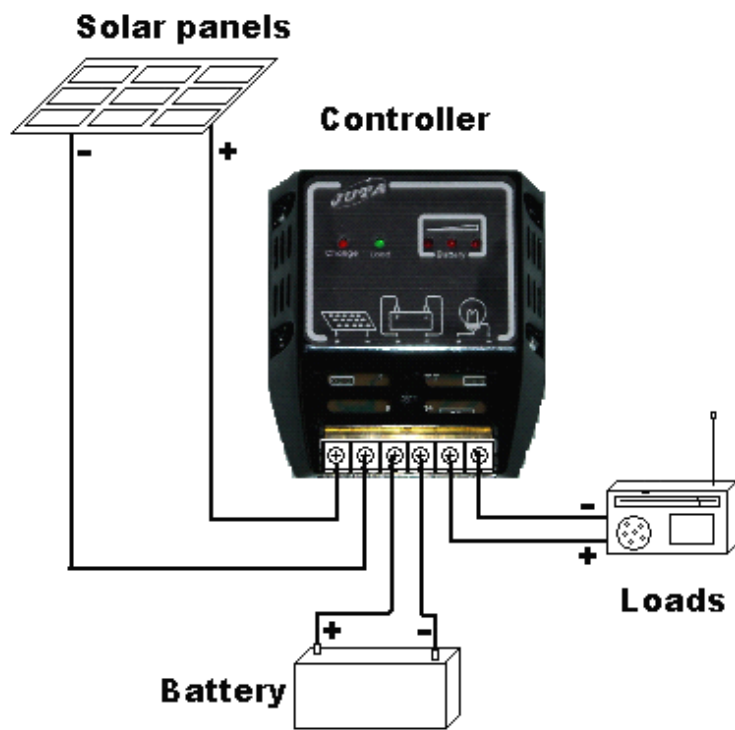
Low Voltage Cut: 10.5V/12V; X2/24V

Temp Compensation: -3mv//cell

Zero Load Losses: $\leq 20mA$

Min Wire Size: 2.5 mm²

Voltage Drop: <190mv



Specification:

Model	CMP12 6A	CMP12 10A	CMP12 12A
Max. load current	≤6A	≤10A	≤12A
Voltage Drop	<140mv	<200mv	<210mv
Rated Voltage	12/24 V auto		
High Voltage Disconnection	13.7V -27.4V		
Low Voltage Disconnection	10.5V -21.0V		
Low Voltage Reconnection	12.6V -25.2V		
Temperature Compensation	-3mv/°C/cell		
Max. own consumption	≤20mA		
Biggest connection terminal	2.5mm ²		
Size	102x45x107mm		
Weight	0.168kg		