

1. Overloading protection 2. Short circuit protection 3. Reverse current protection 4. Reverse polarity connection protection 5. Thunder protection 6. Over discharge protection 7. Overcharge protection 8. The temperature compensation 9. Analogous circuit control										
Model	Rated Voltage	Loading current Max	Full charge cut	Low voltage cut	Temperature compensation	No load loss	Wire area Min	Voltage drop	Measurement(mm)	Gross Weight (g)
CMP-10A	auto select	≤5A	13.7V	10.5~11V	-3mv/°C/cell	≤20mA	2.5mm²	<120mv	107*103*45	280g
	for 12-24Vdc	≤10A	13.7V	10.5~11V	-3mv/°C/cell	≤20mA	2.5mm²	<200mv	107*103*45	280g



1. Overloading protection 2. Short circuit protection 3. Reverse current protection 4. Reverse polarity connecting protection 5. Thunder and lighting protection 6. Over discharge protection Battery turns off at the voltage level, LVD sets up 7. Over charge protection Battery stops being charged at the voltage level, HVD sets up 8. Display the capacity of the battery SOC 9. Intelligentized the temperature compensation 10. Memorize accumulated charging ampere hours on the LCD screen 11. Memorize accumulated loading ampere hours on the LCD screen 12. MCU control and LCD display										
Model	Rated Voltage	Loading current Max	Full charge cut	Low voltage cut	Temperature compensation	No load loss	Wire area Min	Voltage drop	Measurement(mm)	Gross Weight (g)
CMP-20A	auto-select 12-24Vdc	≤20A	13.7V	10.5~11V	-3mv/°C/cell	≤30mA	4mm ²	<240mv	150*123*55	400g



1. Overloading protection
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Battery turn off at the voltage level, LVD sets up
7. Over charge protection
Battery stop being charged at the voltage level, HVD sets up
8. Display the capacity of the battery SOC
9. Intelligentized the temperature compensation
10. Memorize accumulated charging ampere hours on the LCD screen
11. Memorize accumulated loading ampere hours on the LCD screen
12. MCU control and LCD display

Model	Rated Voltage	Loading current Max	Full charge cut	Low voltage cut	Temperature compensation	No load loss	Wire area Min	Voltage drop	Measurement(mm)	Gross Weight (g)
CMP-45A	automatism identify	≤45A	13.7V Default, can be reset	10.5V Default, can be reset	-3mv/°C/cell	≤45mA	6mm²	<200mv	178*162*80	450g

