

# Charge controller/HA-MC

Exclusive for solar system | HA-MC

- Protect for over charge, over discharge, over load and polarity.
- Load output can be control by press key, to set day / night automatically start, or set switching section at night time.
- The product adopts Micro Controller Unit program control precision and high reliability.
- Used high power chip on driven system, durable, high efficiency and stability.
- Exclusive for charge control of solar power, can be used in road lights, landscape lights, signal lights and warning lights.



Style	HA-MC	
Spec	HA-MC10	HA-MC20
Input voltage range	17-40Vdc	
Input rated power	300W	600W
Max.voltage of solar panel	40Vdc	
Max.input power	300W	600W
Max.charging current	10A	20A
Rated voltage of battery	12/24V Automatic detection	
Max.load output current	10A	
Max.output power	12V/120W , 24V/240W	
Operating temperature	-20℃ ~ +50℃	
Protect function	Over discharge, Battery polarity, Overload	
Overload protection	Lighting alarm 、 Stop output to load	
Warm voltage	11.8Vdc/23.6Vdc	
Boost voltage	12.0Vdc/24Vdc	
Floating voltage	13.5Vdc/27Vdc	
Load cut off voltage	11.4Vdc/22.8Vdc	
Protection class	IP22	
Certification	CE	



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