

PWM solar charge controller



This is a new series of solar charge controller. It is equipped with explicit LED indicator or vivid LCD for you to choose.

The new design of graphic display informs the user of all important system data. While meeting functional needs, it also offers user-friendly installation and operation interfaces.

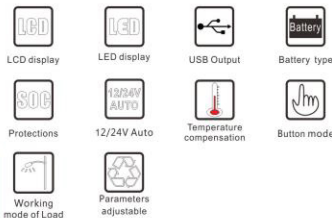
With a dual USB port max 5V1.2A output on each model, people can charge mobile phones, DC fans and other DC electronic devices.

With multiple load control modes enable it can be widely use in solar home system, traffic signal, solar street light, solar garden lamp, etc. All in all, it is a popular high efficient product.

Electronic Protections

- Battery over charge protection
- Battery over discharge protection
- Over load protection
- Reverse current protection at night
- Reverse connection protection of battery
- Overheat protection and short circuit protection of USB output

Features



LCD Display

Model: MSCC4040D



USB
 Rated Voltage: 12V/24V Auto identified
 Rated Current: 40A
 USB Port: 5V, 1A x 2
 Packing info: 30pcs/carton
 Packing info: 190x111x54(mm)
 Weight: 412g

Model: MSCC6060D



USB
 Rated Voltage: 12V/24V Auto identified
 Rated Current: 60A
 USB Port: 5V, 1A x 2
 Packing info: 30pcs/carton
 Packing info: 220x133x77.5(mm)
 Weight: 1.22Kg



Technical Data

	Model	MSCC4040D	MSCC6060D
	Display	LCD	
Solar Input	Input voltage	≤100V	
	Rated input current	40A	60A
	Charge loop voltage drop	<0.21V	
Battery	System voltage	12V/24V Auto	
	No load loss	≤12.5mA(12V), ≤14.5mA(24V)	
	USB output	5V/1A	
	Charging mode	PWM	
	Float charge voltage	13.8V(13V~15V)x1/x2	
	Absorption charge voltage	14.4V(13V~15V)x1/x2	
	Equalized charge voltage	14.6V(13V~15V)x1/x2	
	Temperature compensation	-4mV/Cell/°C	
Load	Rated load current	40A	60A
	Discharge loop drop	<0.12V	
	Low voltage disconnect	10.8V/21.6V	
	Low voltage reconnect	12.6V/25.2V	
	Over voltage disconnect	16.0V/32.0V	
Related	Max wire size	≤16mm ²	≤25mm ²
	Working temperature	-20°C~ 55°C	
	Working humidity	10%~90%,no condensation	
	Dimension(L×W×H)	196x111x54(mm)	220x133x77.5(mm)
	Net weight	412g	1.22Kg 1.34Kg

