

This is our newly developed Battery Charger series. MW CC04A is an 7-step Battery Charger with 6V & 12V voltages for different transportation such as motorcycles, cars, boats and trucks. With this automatic switch-mode charger, users can simply retain their batteries to the original level, recover slightly sulfated batteries, charge in cold weather, rescue, and increase battery life.

# MW CC04A



## 4A 6V & 12V 7 Steps Intelligent Battery Charger for Vehicles & Boats With CC/CV Control for Lead Acid Battery of Wet, MF, VRLA, AGM & GEL

Input: 220-240V AC, 50Hz, 1300mA  
 Output current: 4.0A (max)  
 Charging voltage: 7.3V/ 14.4V/ 14.7V  
 Charging current:  
 6V battery: 0.8A  
 12V battery: 0.8A & 4.0A  
 Protection: IP 65 (dust & water)

Protection:  
 ✓ Short circuit protection  
 ✓ Overload protection  
 ✓ Wrong polarity protection

### Optional:

MW CCM-04 (Magnetic wall mount)  
 Dimension: 194 x 68 x 47mm  
 Packing: Individual color gift box



EU version



UK version



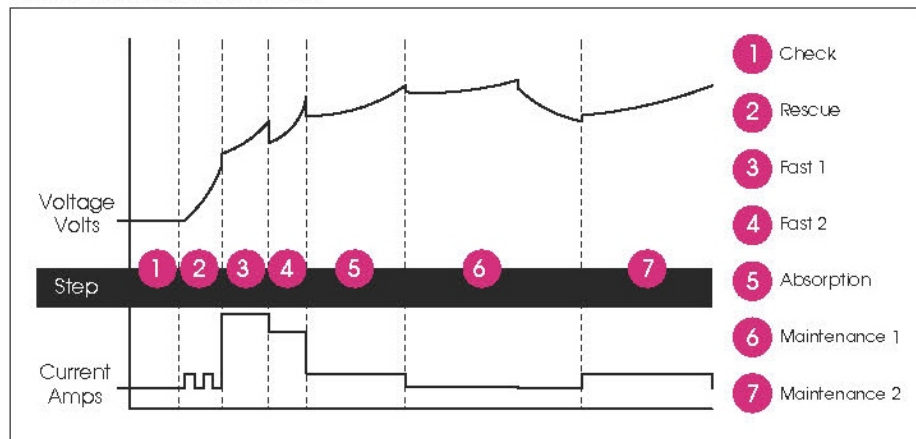
SAA version

### LED indication:

	LED	INDICATION	LED COLOR
1	Standby	Standby LED Light	Red
2	6V	6V battery indication	Red
3	12V/ 0.8A	12V/ 0.8A battery indication	Red
4	12V/ 4.0A	12V/ 4.0A battery indication	Red
5	12V/ 4.0A cool	12V/ 4.0A cool battery	Red
6	Charging	charging	Red
7	Full	Charge full indication	Green
8	Error	wrong polarity indication	Red
9	Bad battery or unsuited battery	Battery voltage<3.7V or Battery voltage>15V	Battery Indicate 4 Red LED Flash



### Principle Programme representation



Optional: MW CCM-04



This is our newly developed Battery Charger series. MW CC 10A is an 7-step Battery Charger with 6V, 12V & 24V voltages for different transportation such as motorcycles, cars, boats and trucks. With this automatic switch-mode charger, users can simply retain their batteries to the original level, recover slightly sulfated batteries, charge in cold weather, rescue, and increase battery life.

# MW CC10A



## 10A 6V, 12V & 24V 7 Steps Intelligent Battery Charger for Vehicles & Boats With CC/CV Control for Lead Acid Battery of Wet, MF, VRLA, AGM & GEL

Input: 220-240V AC, 50Hz, 160W  
 Output current: 10.0A (max)  
 Charging voltage: 7.25V/ 7.45V/ 14.5V/ 14.9V/ 29V/ 29.8V  
 Charging current:  
 6V battery: 1.0A  
 12V battery: 1.0A, 5.0A & 10.0A  
 24V battery: 1.0A & 5.0A

**New**

Protection:  
 ✓ Short circuit protection  
 ✓ Overload protection  
 ✓ Wrong polarity protection

**Packed with:**

- (1) Battery Clamp Connector
- (2) Eyelet Terminal Connector

Dimension: 257.4 x 161.9 x 172.5mm  
 Packing: Individual color giftbox



Foldable handle

**LED indication:**

	LED	INDICATION	LED COLOR
1	Standby	Stand-By LED Light	Red
2	6V	6V battery indication (automatic identify)	Green
3	12V	12V battery indication (automatic identify)	Green
4	24V	24V battery indication (automatic identify)	Green
5	1A	1.0A charge current mode (mode switch select)	Green
6	5A	5.0A charge current mode (mode switch select)	Green
7	10A	10.0A charge current mode (mode switch select)	Green
8	Cold	Low temperature mode (mode switch select)	Green
9	Refresh	Battery repair mode	Red
10	0-35%	Charge capacity 0-35%	Current: Green flash Complete: Green
11	35-70%	Charge capacity 35-70%	Current: Green flash Complete: Green
12	70-100%	Charge capacity 70-100%	Current: Green flash Full: Green
13	Wrong polarity	wrong polarity indication	Red
14	Fault	Bad battery indication. Voltage and current of battery do not change after the product works for 10mins in REFRESH mode	Red flash



Principle Programme representation

