

PRODUCT INFORMATION

FOR YOUR INQUIRIES, PLEASE
INDICATE MODEL NO., AND FOLLOWING
CATALOGUE NUMBER

SAT048

Page 1 of 2

Automatic Smart Battery Charger

AT1512

- For all **6V** and **12V** lead acid batteries (WET, MF, AGM and GEL)
- **2 or 4Amp** trickle charge rate - for **12V** batteries
- **2Amp** trickle charge rate - for **6V** batteries
- Reverse-hookup and short-circuit protection
- Electronically safe against user error with LED indicator
- 50 Amp clamps for top and side post batteries
- Ring connectors for permanent connection. great for hard-to-reach motorcycle batteries
- Molded plastic case
- Charging for all kind Car, Atv, Boat, Golf Car and Motorcycle batteries



6/12V

2 or 4Amp for 12V

2Amp for 6V



Input Voltage: 105-125VAC 60HZ or 200-260VAC 50HZ

Output Voltage: 6V and 12V (Auto-Select)

Efficiency: >75%

Charging Voltage: 14.4V±0.25V(for 12V Battery)

7.2V±0.20V(for 6V Battery)

Charging Current: 4A±10% or 2A±0.3A or 1A±0.3A

Back Drain Current: <5mA

Ambient Temp: -10°C to +40°C

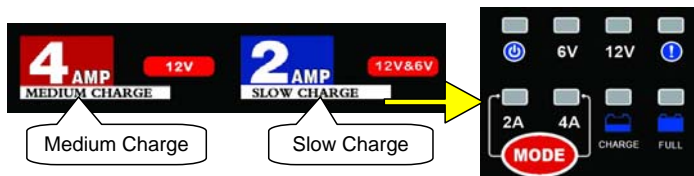
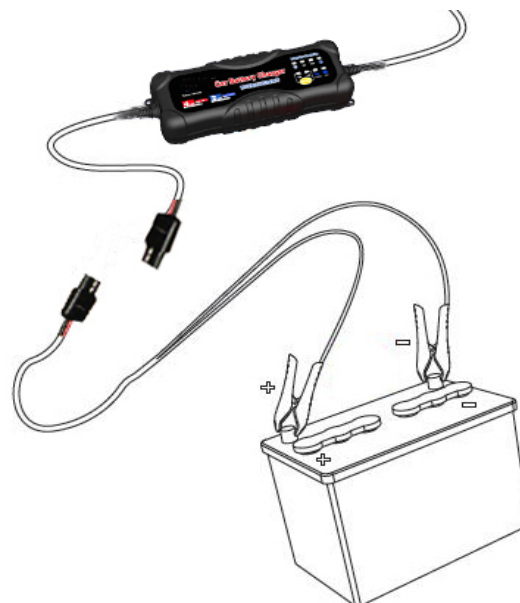
Battery Type: 6V and 12V Lead-Acid Batteries
(WET, MF, AGM and GEL)

Housing Protection: IP65 (Dust and Splash Proof)

Noise Level: <50dB (Tested from a Distance of 50cm)

Operating Steps:

- 1, Connecting the terminal rings/clamps directly to the corresponding connectors on the battery posts.
- 2, Connect the AC power cord with the AC power outlet.
 - The Power LED indicator turns on after the connection.
 - The charger will automatically select the right voltage according to the battery voltage type and the corresponding LED indicator will turn on.
 - The Error LED indicator will turn on for incorrect polarity or Faulty.
- 3, Disconnect the AC power cord from the AC power outlet when fully charged. Then disconnect the connection with the battery.



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Page 2 of 2



AT1513

12/24V

6Amp for 12V

3Amp for 24V



- For both **12** and **24** volt batteries
- Charging voltage auto select
- Rated maximum **6Amp** charging current for **12V** batteries
- Rated maximum **3Amp** charging current for **24V** batteries
- Works as power generator (13.6V/4A)
- Boosts deep discharged batteries (4.5V)
- Automatically diagnose, recover, charge and maintain batteries
- Six output options are available - 28.8V, 29.4V, 14.4V, 14.7V, 13.6V Supply and 16V Boost
- 9-Stage charging strategy, i.e. Pulse Charge, 6A, 4A, 3A, 2.5A, 1.5A, Boost Charge, Maintenance & Power Supply
- No risk of over charging
- Electronically safe against user error
- Full protected against short circuit and wrong connections

AT1514

12/24V

10Amp for 12V

5Amp for 24V



- For both **12** and **24** volt batteries
- Charging voltage auto select
- Rated maximum **10A** charging current for **12V** batteries
- Rated maximum **5A** charging current for **24V** batteries
- Works as power generator (13.6V/4A)
- Automatically diagnose, recover, charge and maintain batteries
- No risk of over charging
- Electronically safe against user error
- Full protected against short circuit and wrong connections
- Applicable for all kinds of lead acid batteries

AT1415S

- Single-phase, portable, charging for lead-acid, battery with **12** and **12/24V**, overload protection, integrated ampere-meter
- Suit for various cars, vans and light trucks
- With accessories: charging cable (1.5+1.5)m, two clamps, exchangeable fuse, color box



Rated Supply Voltage: 230V
Supply Frequency: 50Hz
Rated Capacity: 110W
No-Load Voltage: 12/24V
Boost Current: 9A
Rated Current: 7/3.5A
Exchangeable Fuse: 2/15A
Reference Capacity: 25 - 135 Ah
Class of Insulation: IP20
Dimensions: 300x210x185mm



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