

SAT-DC200

Full-automatic Battery Charger

AITELONG
Keeping your system safe and running!



SAT-DC200 series Full-automatic battery charger has an intelligent three-step charging mode, which realizes the switch between equalized charging and floating charging, and that between constant current and constant voltage automatically as well as sets and controls the parameters such as voltage, current. It has a LCD screen and all-English menu, making the operation easy and the intellectualization excellent.

Having high power, small size and light weight, this charger provides a friendly human-oriented man-machine interface, greatly reducing the work load to test and maintain the storage battery in daily. Therefore it is an ideal aid in storage battery maintenance.

Main functions

1. The charger automatically performs the charging in strict accordance with the curve of charging characteristic of storage battery. Designed charging mode is as follows: constant current charging → (stabilized voltage at uniform charging) current-reducing and voltage- constant charging → (automatically judge and turns to) → trickle floating charging.
2. Advantages: quick charging, high charging recovery rate, no over charging incident in an extremely long-time charging, and assuring the service life of storage battery.
3. Uniform charging voltage can be adjusted in the range, adapt to the charge characteristic requirement of different storage battery and first charging.
4. Using digital setting charging current can be adjusted continuously, unaffected by input alternating voltage. During constant current charge. This operation don't need people to adjust.
5. It has interflow input low-voltage protection, output over voltage, output current limit, output short circuit, output overcurrent and overtemperature protection. Also it has a speed reaction and long life.
6. It can adjust the charge parameter in service at any times.
7. LCD color screen with English menu.
8. Small volume, light weight, easy to move.

Technical specification

Model	24/03	48/10	48/20	48/30	110/04	110/12	220/04	220/12	12300/02	12300/06
Charging voltage	21-29V	40-58V			95-150V		190-300V		12-300V	
Type of storage battery	24V	48V			110V		220V		24/48/72/110/220V	
Charge current	3-30A	10-100A	20-200A	30-300A	4-40A	12-120A	4-40A	2-100A	2-20A	6-60A
Voltage adjust resolution	0.1V									
Current adjust resolution	0.1A									
Precision of voltage regulation	±1%									
Precision of steady current	±1%									
Working power supply	Three phase 380VAC ± 15%, frequency: 50Hz									
Battery types	Lead acid battery									
Charging types	Constant current---constant voltage of reducing current ----trickle floating charge									
Working conditions	Temperature:0°C~40°C Humidity:20%~80%RH									
Dimensions	280×135×295	470×420×210		550×540×685	470×420×210	550×540×685	515×350×400	530×540×58		0557×485×590

*Accept customization service.