

Intelligent Lead Acid Battery Charger

RD-DC series full-automatic intelligent lead acid battery charger has an intelligent three-step charging mode, which realizes the automatical switch between equalized charging and floating charging, and that between constant current and voltage as well as setting and controlling the parameters such as voltage, current.



Product features

1. Imported high quality military-grade IC chip and components ensure the reliability and stability of this product.
2. Power switch tube (IGBT) adopts USA's original to improve the reliability.
3. Automatical performing the charging in strict accordance with the curve of charging characteristic of storage battery.
4. With advantages of quick charging, high charging recovery rate, no need of watch out, no overcharging incident in an extremely long-time charging assuring the service life of storage battery.
5. Uniform charging voltage can be adjusted in the range, adapting to the charge characteristic requirement of different storage battery and first charging.
6. Digital setting charging current can be adjusted continuously, unaffected by input alternating voltage. During constant current charge there is no need for human operation.
7. With interflow input low-voltage protection, output over voltage, output current limit, output short circuit, output over current and over temperature protection.
8. LCD color screen with English menu; small in size, light in weight ,easy to move.



Product specifications and technical parameters

Model	RD-DC200	RD-DC200	RD-DC	RD110/10	RD-DC200	RD-DC200	RD-DC200
	48/10	48/20	110/04		220/04	220/10	380/01
Battery group voltage range	40-60V		95-150V		190V-300V		350V-450V
Charging current	100A	200A	40A	100A	40A	100A	10A
Control precision	Charge current $\leq \pm 1\%$; group terminal voltage $\leq \pm 0.1\%$; cell voltage $\leq \pm 0.1\%$						
PC communication	RS485 interface, USB interface						
Data storage capacity	Built-in 8G SD card and 16G USB flash drive						
Heat dissipation	Forced air cooling						
Temperature	Working rage: -5-50℃; storage temperature: -40-70℃						
Humidity	0-90% RH (40±2℃)						
Power supply	Single-phase AC 220V (-20%~+30%), 45-65Hz; charging power supply: refer to nameplate parameters or case label						
Electric strength test	Input-housing: 2200Vdc 1min; input-output: 2200Vdc 1min; output-housing: 700Vdc 1min						



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