

Automatic Control System



[GZDW-6 Intelligent High-Frequency Microcomputer Control DC Power Supply Cabinet](#)

About the Product:

GZDW Intelligent High-Frequency Microcomputer Control DC Cabinet is newly developed by Shanghai Jinzhong Group Australia-Shanghai Electrical Appliances Co. Ltd, which is based on many years' experience on developing protection monitoring devices and assimilated the merits of domestic and foreign similar products. It selects programmable controller manufactured by Germany's Siemens as the central control, high-frequency switching power supply as the charging device, Germany's Siemens touch screen as the spot control device and display terminal. The DC cabinet boasts compact structure, rational layout, novel appearance, easy-to-use and all of the features, status and parameters can be displayed by the touch screen. DC counter operations are controlled with a finger by a touch on the touch screen. The whole system has such advantages as: improved charging mode, simple scene manipulation, comprehensively unattended, stable performance and reliable operation.

Functional Feature

Important components, modules and major ancillary devices are products of Motorola, Siemens and other brands.

The product working status, the equipment connection modes, the system operation pattern can be demonstrated through the screen, which is illustrated by pictures and clear to see.

System operating parameters and related technical data are displayed by real-time digits which are directly interpreted and accurate.

The charts and text instructions of the controlled objects are operated by touching with a finger.

Staffs at different levels have different password settings. Low-level password can not carry out high-level operations (such as parameters adjustments).

Non-official staff is unable to carry out ultra vires operations.

Four-phase charging, automatic conversion, display real-time charge curve
It configures standard RS485 interface, which has complete four remote functions and strong communication ability and provides powerful support for comprehensive automation of power system.

Anomalies and failure information are automatically real-time recorded and stored. History data are readily available.

Technical Parameters: two-circuit AC input 380V±20% voltage 50Hz±10% frequency

ranks of DC voltage output: 48V、110V、220V(can be designed in accordance with the user)

DC current output: 1A ~ 100A (According to user requirements, switching power supply module is of parallel output with N +1 redundancy mode.

High-frequency switching power supply module efficiency ≥ 90%.

DC stable voltage output precision of float charging device: ≤±0.1%

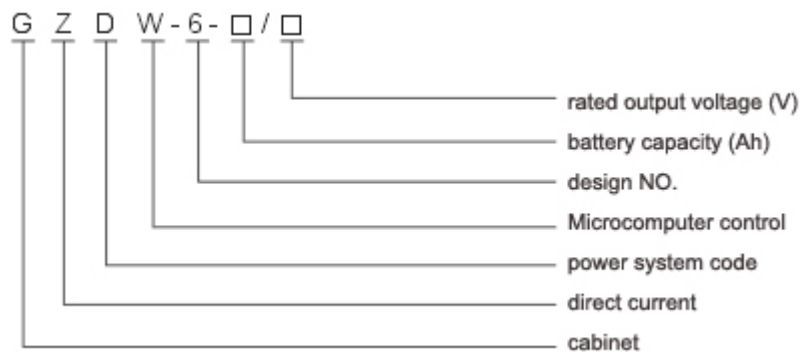
DC stable voltage output precision of float charging device: ≤±0.3%

Voltage output ripple coefficient : ≤0.5%

Control bus voltage fluctuation range: 220 ± 0.5V

Entire machine noise

Model Meaning





AS-255 High Voltage

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