

DS Series

SCR DC Power Supply System



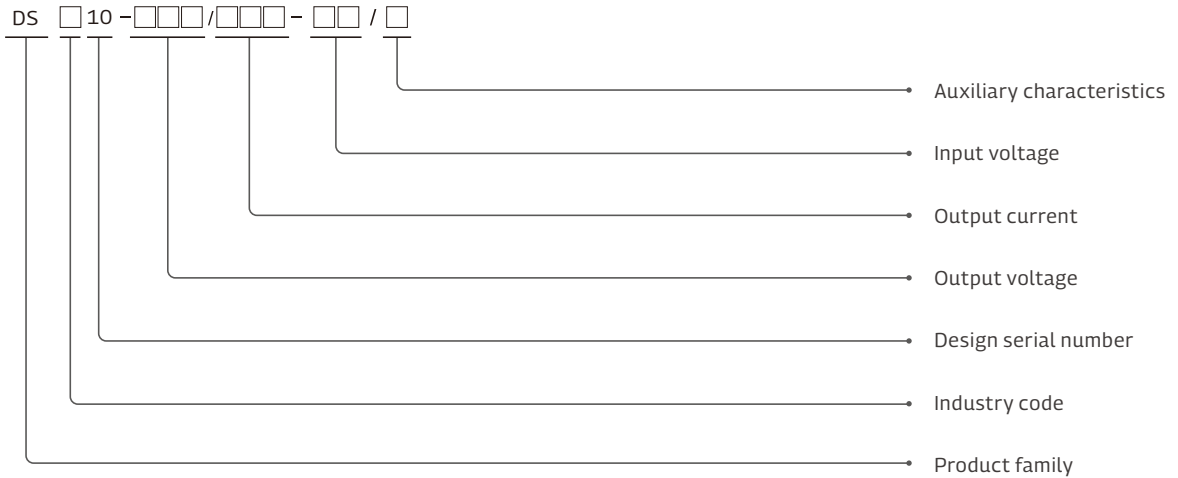
Features

- Full digital design, 32-bit high-speed DSP as the control core, fast response speed, high stability
- Support constant voltage, constant current, constant power and other operating modes, can be freely selected for use
- Patented transformer technology, high efficiency of the power supply machine
- With output polarity hand/automatic switching function
- Optional air-cooling, water-cooling, water-water cycle and other cooling methods
- Over-current, overheating, short-circuit, cooling system failure and other perfect protection functions
- Modbus RTU communication is standard, and Profibus-DP and Profinet communication can be extended

Usages

- The DS Series is widely used in electrolysis, electroplating, gold treatment, surface treatment, industrial furnace and other industry fields.

Definitions







Specifications

Input	
Input voltage	3ΦAC360V~460V(Customizable), 47Hz~63Hz
Output	
Rated voltage	DC 24V~100V(Customizable)
Rated current	DC 500A~20000A(Customizable)
Performance index	
Control accuracy	1%
Stability	≤0.5%

Control features	
Given method	Simulation, communication
Control characteristics	Constant voltage, constant current, constant power, manual/automatic switching of output polarity, local/remote control
Protection function	Overcurrent protection, overheating protection, power abnormality, thyristor failure, cooling system failure
Communication	Standard configuration RS485 communication, support Modbus RTU, expandable Profibus-DP, Profinet communication.
Others	
Cooling method	Air-cooling, water-cooling, liquid-liquid circulation
Overall dimensions	Customizable according to customer's demand

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