

DD Series

IGBT DC Power Supply System



Features

- Modular design, comply with international standards, easy to install and maintain
- Redundant configurations are available to improve system reliability
- IGBT inverter technology and high-speed DSP control core
- Three operating modes can be selected-constant voltage, constant current, constant power
- Digital and analog setting can be selected
- Perfect protection function
- Support parallel operation of multiple cabinets
- Input and output interfaces adopt isolation technology with strong anti-interference capability
- Built-in RS485 and CAN communication interface

Usages

- The DD Series is mainly used in electrolytic liquid, electrolytic copper foil, electronic aluminum foil, single crystal furnace, sapphire Stone furnace, vacuum furnace, steel metallurgy and other industries.

Definitions







Specifications

Input	
Input voltage	3ΦAC360V-500V(Customizable), 47Hz-63Hz
Output	
Rated voltage	DC 6V-800V(Customizable)
Rated current	DC 100A-60000A(Customizable)
Performance index	
Control accuracy	0.2%
Stable accuracy	≤0.05%
Power factor	≥0.96
Conversion efficiency	90%~95%

Control features	
Control mode	U,I,P
Given method	Analog, digital, communication
Protection function	Overpressure, overheating, overcurrent, water pressure protection
Communication	Standard configuration RS485, CAN communication
Others	
Cooling method	Water-cooling, air-cooling
Overall dimensions	Customizable according to customer's demand

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