

Power Supply 300V-5A ZHAOXIN

Model:KXN-3005D



Description:

KXN Series are high precision, high stability and high reliability High –power Switching DC Power supply, which have been wildly used in the areas as battery industry , PCB board manufacturing industry, communications industry, auto industry , electronic industry etc.. It has many advantages such as small size , light in weight , high efficiency, fast .

Features:

- Response and high accuracy when compared with the linear power supply.
- Output voltage and output current between 0 to rated value is continuously adjustable.
- Constant voltage and constant current can automatic conversion.
- Allow long time short-circuit under certain circumstances.
- Overload and reverse polarity protection keep power supply and its loads safe from unexpected condicions
- LED digital display output voltage and output current.
- Cooling fan is connected with temperature sensor , which can reduce the fan speed automatically when the internal temperature or load decreases to prevent the additional noise.

Application:

- Battery charge , PCB exposure lamp power.
- Verification of ageing of electronic components.
- Laboratory , Electronic equipment, Automatic Test Equipment.
- Electronic test equipment , Production line equipment , Communications equipment.
- All other occasions need to use DC Power supply.
- Endurance test of motors and drives
- Semiconductor aging , Replace battery , constant current source of electrolytic capacitor and metal anode

Security Features:

- Over voltage protection (OVP) Over current protection (OCP) Overheat protect (OHP)
- Input power anomalies protect.

Specifications:

Model	KXN-3005D	
Voltage Output	0-300 V	
Current Output	0-5A	
Weight	4 kg	
Dimensions (mm)	413 x 278 x 460 mm	
• Operating temperature	(-20-50)°C	• Storage temperature (-40-70)°C
• Relative humidity	90%(40±2°C)	• Atmospheric pressure (70-106)hPa
• Input voltage	AC220V±10% 50/60Hz	
• Display accuracy	≤1%	
• Efficiency	≥86%	
• Load regulation	≤0.5%	
• Voltage regulation	≤0.5%	
• Ripple voltage	≤0.5% V p-p	
• 100Hz Ripple voltage	≤300mV	
• Insulation resistance	≥20MΩ	
• Withstand voltage from input voltage to casing	≥AC1500V	
• Withstand voltage from input voltage to output voltage	≥AC1500V	
• MTBF	≥50000h	
• Boot buffer delay	3-5S	
• Overheat protect threshold value	75-85°C	

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