BUBELA
Power Electronics

Power supply for electrolytic capacitors reforming

PSVD-1K-1000V-CF2

The power supply is primarily intended for reforming capacitors in DC intermediate circuits of frequency converters. However, it is also possible to use it as a general regulated laboratory power supply.

Electrical specifications:

- Output voltage: 0 to 1000 VDC
- Output current :
  - 2A - voltage 0V to 550 V
  - 1A - voltage up to 1000 V
- Max. power: 1000 W
- Power supply: 230 V / 50-60 Hz

Other specifications:

- Charges, discharges, and forms capacitors
- Measurement of capacitor parameters
- Galvanic isolated output
- Current limitations
- Parallel operation
- Over current and over temperature protection
- Controls: graphical TFT touch display with buttons and rotary dial for adjusting parameters
- Remote control over MODBUS TCP and RTU
- Mechanical design: portable instrument box

Adjustable parameters:

- Output voltage
- Current limitations set point
- Voltage ramp, ranging from 1 second to 24 hours
- Shutdown time after reaching the desired voltage

Connections cables with banana and safety crocodile clips are included.

Specifications

Stability:	Voltage ±2 V, current ±10 mA
Settings:	Voltage step: 1 V
	Current step: 10 mA
	Ramp time from 1 sec to 24 hours, steps 1 sec
Operating temperature:	0-35 °C
Dimension:	250 x 144 x 200 mm *(without handle)*
	width x height x depth

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