

Polarity reversible

Compact high voltage power supplies



EJ Series ±1kV to ±2kV/200W

01.134.029A-1



FEATURES

- Output polarity reversible type
- Output polarity change by a switch on front panel
- Polarity is changeable while HV is on
- Suitable model for voltage withstanding test for diodes, power semiconductors, etc and for anodic bonding application
- Compact and handy size

SUMMARY

EJ series is a reversible polarity high voltage power supply featuring changeable polarity by a switch on front panel. Without rewiring, output polarity can be switched simply and safely. It improves operating efficiency. Please contact nearest sales offices for high power models.

LINEUP

Output voltage	Output current	MODEL
0 to ±1kV	200mA	EJ-1R200
0 to ±1.5kV	133mA	EJ-1.5R133
0 to ±2kV	100mA	EJ-2R100

SPECIFICATIONS

Input voltage /current	115VAC±10% 50/60Hz single phase 3A typ
Output control	Local : Voltage 10-turn potentiometer on front panel Current 10-turn potentiometer on front panel Remote: Voltage External control voltage 0 to 10VDC (input impedance more than 10kΩ) Current External control voltage 0 to 10VDC (input impedance more than 10kΩ)
Reverse polarity control	Local : By front panel polarity change switch Remote: Contact signal input from the control connector on rear panel open-positive, short-negative
Voltage Regulation	Line : 0.005% for ±10% input line change Load : 0.005% for 0 to 100% load change
Current Regulation	Line :0.05% for ±10% input line change Load :0.05% ±100μA for 0 to 100% load change
Ripple	0.1%p-p
Stability	0.01%/Hr
Temperature Coef.	100ppm/ °C
Output display	Output voltage: 3.5-digit digital meter ±1999 Output current: 3.5-digit digital meter 1999
Monitor output	Output voltage: 0 to ±10V (output impedance 1kΩ) Output current: 0 to ±10V (output impedance 1kΩ)
Protections	Over current with automatic crossover, over voltage(limited at 110%), output short circuit and arc protection, interlock, power failure(can be canceled by adopting the option -LN)
Other functions	Remote switch ON/OFF, door switch
Condition	Temperature: 0 to +40 °C (operation) -40 to +85°C (storage) Humidity: 20 to 80%RH (no condensation)
Accessories	·AC input cable 2.5m(8.2ft) (1) ·Output high voltage shielded cable with BNC-HV(MHV) connector(flying lead) (1) ·Instruction manual (1)

OPTIONS

- L(230V) 230VAC±10% 1Ø input
- LCr Current range change 100% ⇔ 10%F.S.
- LN No protection against power failure
AC output is tuned ON/OFF by turning AC ON/OFF.
- LZ Handle
Carry handle

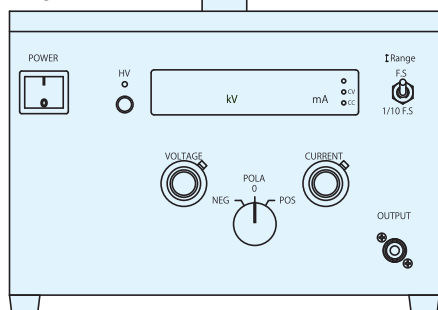
When ordering, suffix the above option mark to the model number.
 {e.g EJ-2R100-LCr(230V) Alphabetical and numerical order

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■ DIMENSIONS inch(mm)

5.51(140)H × 16.93(430)D × 8.35(212)W

FRONT



REAR

