

**NEW**

# Compact high voltage power supplies

# EJ series

±1 kV to ±2 kV / 200 W



- »» Output polarity change by the switch on front panel
- »» Polarity is changeable while HV is on
- »» High work efficiency can be achieved by the easy polarity change operation

# EJ series

## Compact high voltage power supplies

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.



### »» 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

### »» LINEUP

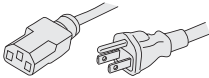
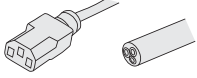
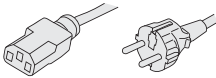
Output voltage	Output current	MODEL
0 to $\pm 1$ kV	0 to 200 mA	EJ-1R200
0 to $\pm 1.5$ kV	0 to 133 mA	EJ-1.5R133
0 to $\pm 2$ kV	0 to 100 mA	EJ-2R100

### »» SPECIFICATIONS

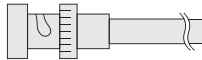
<b>Input voltage /current</b>	85 V to 264 VAC $\pm 10$ % 50 / 60Hz single phase 3 A typ. (at 100 V input)	<b>Output display</b>	Output voltage : 3.5-digit digital meter $\pm 1999$ Output current : 3.5-digit digital meter 1999
<b>Output control</b>	Local : Voltage 10-turn potentiometer on front panel Current 10-turn potentiometer on front panel Remote : Voltage External control voltage 0 to 10 VDC (input impedance more than 10 k $\Omega$ ) Current External control voltage 0 to 10 VDC (input impedance more than 10 k $\Omega$ )	<b>Monitor output</b>	Output voltage : 0 to $\pm 10$ V (output impedance 1 k $\Omega$ ) Output current : 0 to $\pm 10$ V (output impedance 1 k $\Omega$ )
<b>Reverse polarity control</b>	Local : By front panel polarity change switch Remote : Contact signal input from the control connector on rear panel open-positive, short-negative	<b>Protections</b>	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)
<b>Voltage Regulation</b>	Line : 0.005 % for $\pm 10$ % input line change Load : 0.005 % for 0 to 100 % load change	<b>Other functions</b>	Remote switch ON / OFF, door switch
<b>Current Regulation</b>	Line : 0.05 % for $\pm 10$ % input line change Load : 0.05 % $\pm 100$ $\mu$ A for 0 to 100 % load change	<b>Condition</b>	Temperature : 0 to +40 $^{\circ}$ C (operation) -40 to +85 $^{\circ}$ C (storage) Humidity : 20 to 80 %RH (no condensation)
<b>Ripple</b>	0.1 %p-p	<b>Accessories</b>	·AC input cable 2.5 m(8.2 ft) (1) ·Output high voltage shielded cable with BNC-HV(MHV) connector(flying lead) (1) ·Instruction manual (1)
<b>Stability</b>	0.01 % / Hr		
<b>Temperature Coef.</b>	100ppm / $^{\circ}$ C		

## »» Input / Output cable

### Input cable

CABLE TYPE 1 (Standard)	CABLE TYPE 3 (Separate) (for the input of 200 V)	CABLE TYPE 4 (Separate) (for the input of 200 V)
125V / 10A	250V / 10A	250V / 10A
		

### Output cable

CN-BNC-HVP (Standard)
5kV / 0.5A


## »» OPTIONS

- 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 Alphabetical and numerical order

## »» DIMENSIONS inch(mm)

weight : approx. 7.5kg

