

# High voltage power supply for ESC (Electrostatic chuck)

## Spec.

- ✓ The voltage and current values can be customized 'free of charge' within the following range.
- Output voltage:  $\pm 1 \sim \pm 5$  kV
- Output current: 1 ~ 10 mA
- Polarity: Uni-polar, Bi-polar
- Bias voltage (With/Without)
- Center Tap position: Floating / FG / Bias
- Operation from the front panel (Local) and external signal (Remote) are possible.
- Interface: Parallel (Analog I / O), Serial (RS-232C), etc.
- RoHS compliant

## Features

- Compatible design (interface / mounting) with existing power supplies is also possible.
- By installing current limit, polarity reversal, discharge function, the dechuck performance of the wafer is improved.
- Suitable for both Coulomb and J-R type.



## Abstract

We, PRA will improve the problems of technical applications specific to high-voltage power supplies used in semiconductor manufacturing equipment by addressing them from the design & circuit board design stage according to the individual specifications of each customer.

Furthermore, it achieves low cost, short delivery time, and high reliability.

**High reliability, long life, and full custom design.**

**Designed and made in Japan**