

ES813 Series Precision ES/HV Generator



1. Description

ES813 Series Precision Electrostatic / High Voltage Generators are designed for Laboratory usage with precise and stable High voltage DC output. They can be widely used in Electrostatic Generation, Electrostatic Discharge (ESD) Test, Electrospinning, and other high voltage applications in many industries.

2. Features

- 0 to $\pm$ maximum continuous adjustment
- Low ripple and drift output
- Precise voltage / current displays
- Over current protection
- Overheat protection
- Easy setup and operation

3. Applications

- High voltage power supply
- High voltage susceptibility test
- ESD susceptibility test
- Electrostatic generator
- Material insulation test
- HV or E-field calibration
- Electrospinning

4. Specifications

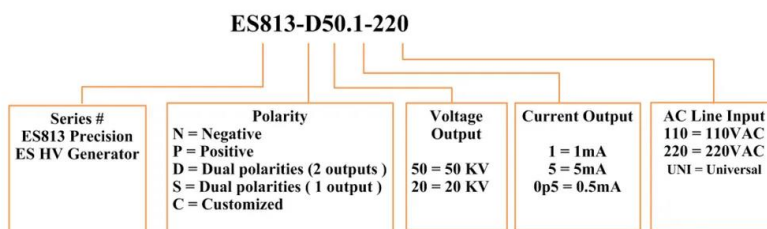
The output voltage of the models we list in the table are the typical output voltage that we could supply. Normally, the maximum output voltage that we supply could up to $\pm 160\text{kV}$. Please contact us if you need other parameters.

ES813 Series Precision ES/HV Generator

Model	ES813-D50.1-220	ES813-D30.1-220	ES813-D20.1-220
Maximum Output Voltage	50kV	30kV	20kV
Maximum Output Current	1mA	1mA	1mA
Input Voltage	AC220V $\pm$ 10%	AC220V $\pm$ 10%	AC220V $\pm$ 10%
output rating	30W	30W	30W
Load Regulation	0.10%	0.10%	0.10%
Working temperature	(-10°C ~ +50°C)	(-10°C ~ +50°C)	(-10°C ~ +50°C)
Time drift	$\leq 0.1\%$ /h	$\leq 0.1\%$ /h	$\leq 0.1\%$ /h
Protection	1%	1%	1%

5. Ordering Information

Please Quote with Order Model Number:



Line	Part # or Option #	Description
1.1	ES813-D50.1-220	50kV Precision ES/HV Generator
1.2	ES813-D30.1-220	30kV Precision ES/HV Generator
1.3	ES813-D20.1-220	20kV Precision ES/HV Generator

(Please note, this is the option reference, please contact us to discuss more details or customized values)