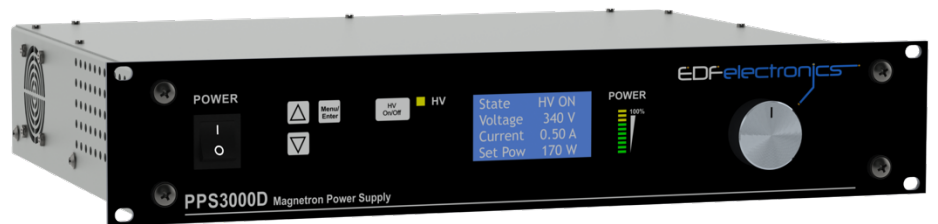




PPS3000D

PLASMA POWER SUPPLY



Plasma Power Supply PPS3000D

Universal high-voltage power supply for plasma applications. Widely used to drive magnetron sources where the required power does not exceed 3000W.

The latest in electronics standards place the PPS3000D at the highest level, with exceptional stability and with user friendly features such as "Easy control" which allows device control via mobile devices and through the internet.

Specifications:

Input Supply Voltage (Configurable with order)	AC220V±10%
Output power	3000W max
Output Voltage / Current	200– 1000 VDC negative polarisation (10-volt resolution) 0 – 3000 mA (1 mA resolution)
Insulation level	Class B
Adjustment accuracy	≤1%
Regulation mode	Power, Voltage or Current mode
Output protection	Output overvoltage, output overcurrent, output imbalance
Input protection	Input overvoltage, input undervoltage, input overcurrent, phase loss
Communication Interface	Analog I/O, Digital on repeat
Type of control	Local or remotely
Arc Detection	Dynamic is suppression function, less likely to generate arc, wide load adaptability range
Dimensions	483 x 395 x 88 mm (W x D x H)- 2U Rack Mounting Standard
Weight	10.8 kg

Features:

- Operating mode: DC
- Fast response arc detection/suppression
- Switched control methods (I, V, P) for maximum performance,
- Transparent interface with graphic display and desk light identification parameters
- Stable power operation from just 2W,
- High acceptance output impedance - ability to work with magnetrons of different sizes,
- User-friendly interface with graphic display, keypad, and rotary encoder

Regulatory Compliance

PPS3000D units are CE marked and conform to Low Voltage Directive 73/23/EEC and Electromagnetic Compatibility Directive 89/366/EEC – meeting EN55011 (emissions), EN61000-6-2 (immunity), and EN50178 (safety).