

This series of power supplies generate high voltage AC square wave output at variable amplitude & frequency and mainly find application in plasma research. These units are housed in compact 19" racks to give a regulated output.

Features:

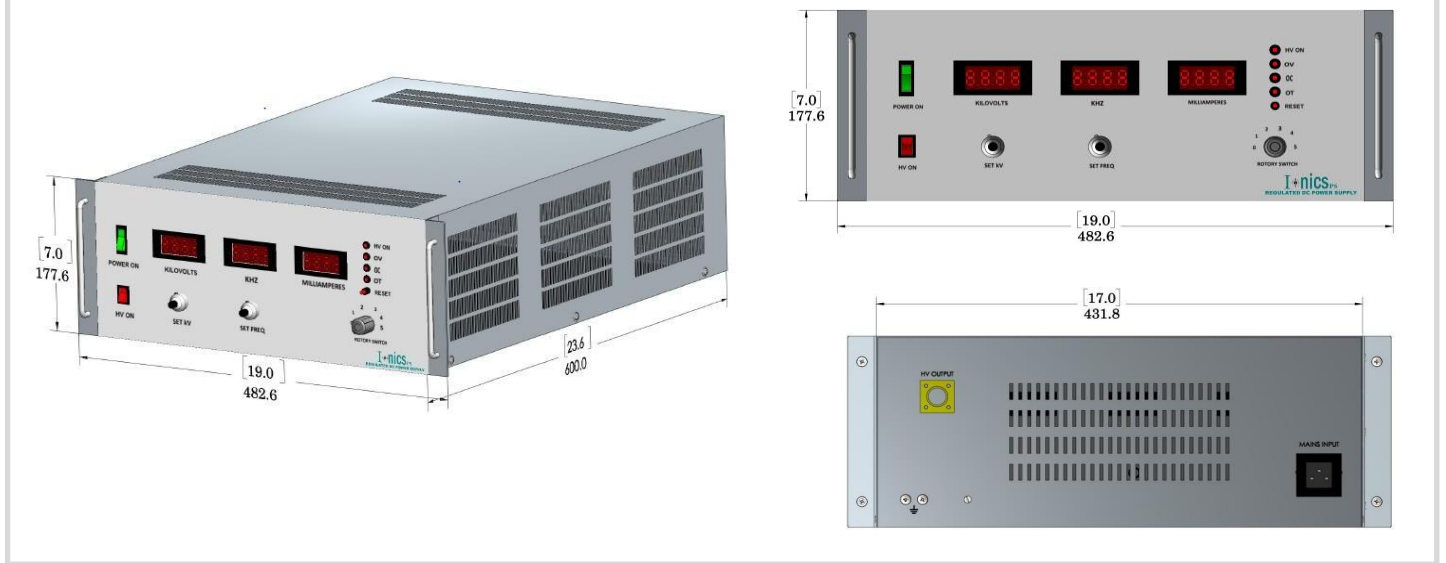
- ❖ Regulated
- ❖ High Frequency Stability
- ❖ 19" Rack Mountable
- ❖ OEM Customization Available



TECHNICAL SPECIFICATIONS

PARAMETER	SPECIFICATION
Input Voltage	230V $\pm$ 10% AC, 50Hz, single phase
Output Voltage	Upto 20kV peak to peak
Output Power	Upto 1kW peak to peak
Output Waveform	AC Square wave
Line Regulation	$\pm$ 1% for $\pm$ 10% variation in input voltage
Frequency Range	10kHz to 50kHz
Regulating Mode	Constant voltage
Voltage & Frequency Control	By 10-turn potentiometers on the front panel
Protections	Against over load, short-circuit and arc During short circuit, power supply trips & to be reset manually
Front Panel	Power ON/OFF switch with indication HV ON/OFF switch with indication 3½ digit voltage, frequency and current meters 10-turn potentiometers for voltage and frequency control LED indication for fault trip Push button for trip reset
Back Panel	Socket for mains input with 250V, 10A 3 conductor power cord of 1.5 meters Fuse holder with fuse Terminal for HV output with 10ft of detachable high voltage cable Stud for grounding the unit
Cabinet	19" rack, powder coated

MECHANICAL DIMENSIONS



For any queries or customization requests contact us at info@ionics.co.in
 For product line information visit us at www.ionics.co.in