This is a specially designed power supply that generates high voltage pulsating DC output with auto reversing timing control and mainly find application in the cleaning of solar panels.

**HV AUTO-REVERSEING PULSED DC POWER SUPPLY**

**20kV, 500W**

**Features:**

* Regulated
* High Frequency Stability
* 19” Rack Mountable

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| **Technical Specifications** |
| **PARAMETER** | SPECIFICATION |
| Input Voltage | 230V ±10% AC, 50Hz, single phase |
| Output Voltage Range | 6kV to 20kV DC peak to peak (+10kV & -10kV pulse) |
| Output Power | 500W |
| Output Waveform | Pulsating DC |
| Pulse Frequency | 1Hz to 100Hz |
| Line Regulation | <1% for ±10% variation in input voltage |
| Regulating Mode | Constant voltage |
| Voltage & Frequency &Reversing Timing Control | By 10-turn potentiometers with lockable counting dial |
| Protections | Against short-circuit and arcDuring 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 meters for output positive voltage, negative voltage and frequency 10-turn potentiometers for voltage, frequency & reversing time control LED indication for positive & negative pulses |
| Back Panel | Socket for mains input with 250V, 10A 3 conductor power cord of 1.5 metersFuse holder with fuseDetachable Connector for HV outputStud for grounding the unit |
| Topology | High frequency switch mode |
| Cabinet  | 19” rack, powder coated |
| Output cable | 10ft of HV DC cable |

* OEM Customization Available

For any queries or customization requests contact us at info@ionics.co.in

For product line information visit us at www.ionics.co.in