

This series of power supplies incorporate the high frequency switch mode technology to give highly regulated panel mountable portable units with kV range varying from 10kV to 60kV catering to a wide variety of scientific and industrial applications.

Features:

- Compact & Portable
- Precision Regulated
- High Stability
- Local Control & Display
- OEM Customization Available

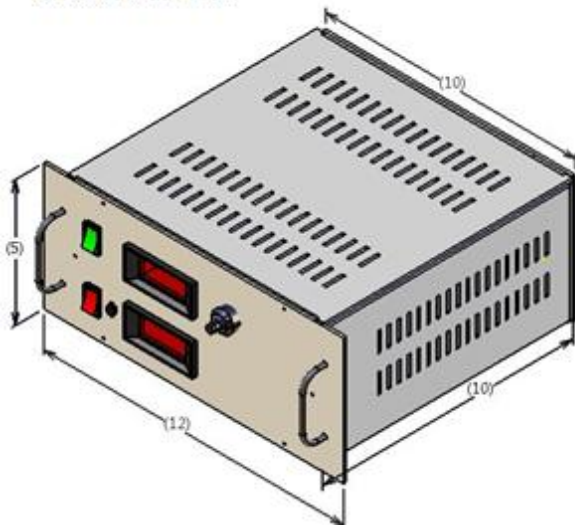


TECHNICAL SPECIFICATIONS

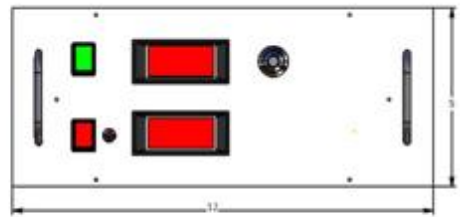
PARAMETER	SPECIFICATION
Input Voltage	230V \pm 10% AC, 50Hz, single phase
Output Voltage*	0 to 10/20/30/40/50/60kV DC
Output Current	0 to 1mA
Polarity*	Positive / Negative
Line Regulation	< 0.05% for \pm 10% variation in input voltage
Load Regulation	< 0.05% for 10 to 100% load variation
Stability	< 0.01%/hour after 1 hour warm up
Regulating Mode	Constant voltage
Voltage Control (From zero to rated kV)	By 10-turn potentiometer with lockable counting dial
Protections	Against overload and short-circuit During short circuit, power supply trips & automatically restarts after 2 secs.
Front Panel	Power ON/OFF switch with indication HV ON/OFF switch HV ON Indication 3½ digit voltage and current meters 10-turn potentiometer for voltage control
Back Panel	Socket for mains input with 250V, 10A 3 conductor power cord of 1.5 meters Fuse holder with fuse RF connector for HV output Stud for grounding the unit
Topology	High frequency switch mode
Size	10"×10"×5" (W×D×H)
Output Cable	1.5 meters of HV DC cable

*Optional. To be specified by the user.

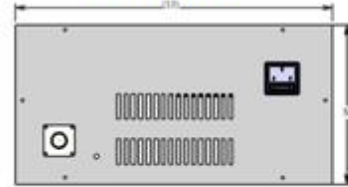
Cabinet Details:



Front Panel



Back Panel



Ordering Code	MF	050	K	050	W	P	C	I	D	4	L
		1		2		3					
Section	Description		Options		Options Description						
1	Output Voltage		XX		Value of output voltage XX=10/20/30/40/50/60; For 10/20/30/40/50/60kV						
2	Output Power		YY		Value of output power (XX×1mA) YY=10/20/30/40/50/60; For 10/20/30/40/50/60W						
3	Polarity		P		Positive						
			N		Negative						

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

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