Precision High Voltage Power Supply Specification, www.SpruceScience.com

Input voltage	90 V to 264 V, 47 to 63 Hz, single phase AC. Only use provided AC-DC power adapter.
Input current	1A max at 120VAC
Output voltage control*	Front panel: 10 turn precision potentiometer with dial indicator.
	Remote: externally adjustable from 0 to +10V. Accuracy: 0.1% of setting + 0.2% of rated voltage.
Output current control*	Front panel: 10 turn precision potentiometer with dial indicator.
	Remote: externally adjustable from 0 to +10V. Accuracy: 0.5% of setting + 0.2% of rated voltage.
Voltage monitor	Front panel: 5 digit LED display
	Remote: 0 to +10V equivalent to 0 to rated voltage. Accuracy: 0.1% of setting + 0.2% of rated voltage.
Current monitor	Front panel: 5 digit LED display
	Remote: 0 to +10V equivalent to 0 to rated current. Accuracy: 0.5% of setting + 0.2% of rated voltage.
Ripple	0.0001% VRMS of set voltage or less
Stability	0.01%/Hr after 3 minutes warmup
Temperature coefficient	25 ppm/°C
Temperature	Operating: 0C to +40 C. Humidity: 10-90%, Avoid Condensation. Storage: -20 C to +60 C. Sealed Electronics.
Input impedeance	1MOhm
Output monitor impedance	1 Ohm
HV enable	Enable = 4V to 10 V. Disable = 0 to 0.5V
+10V Reference	Max current = 20 mA. Accuracy: +/- 0.1%. 20ppm/°C
Accessories	Shielded high voltage output cable with connector
Remote Control	Enable = 5V to 10V. Disable = 0 to 0.5V
Size	Width = 50.8mm (2"), Height = 132mm (5.2"), Depth = 286mm (11.26")
Weight	2.3 kg (5.1 Lbs)

*Programmable from 0 to rated voltage/current. Locally adjustable from front panel or remote control with 0 to +10V signal.

Includes:

1: Operation manual

2: AC-DC power adapter. 90 V to 264 V, 47 to 63 Hz, single phase AC to +24Vdc +/-2V. Max DC current of 2.5A consumed by high voltage power supply at full load output.

3: High voltage output connector is included. Mating connector with user side cable (RG 8/U) is also included with standard length of 3ft. Longer cables are optional.

4: Remote cable and breakout board