

J1017-POWER300

J1017-POWER600

Precision is
our business



APPLICATION

Many applications require stable and accurate control of output current during operation. The J1017-POWER constant current power supply is specifically designed for stable operation of stabilised light sources and calibration standard sources (e.g. quartz halogen, xenon, Nernst element, etc.). The J1017-POWER offers USB and front panel control. To allow highest quality, linear regulation is used.

The internal micro controller in combination with a high resolution 16 bit DAC offers a high current resolution of 0.2 mA. An individual programmable on/off ramp function guaranties smooth operation of calibration lamps, using these features prevents shock effects on the lamp.

A 2 line alphanumerical display shows the required parameters. The USB interface offers full remote control. A 12 button keypad allows manual setup of all parameters

SPECIFICATION

Main voltage:	88 to 264 VAC, 47 to 63 Hz; 125 to 370VDC
Maximal output current	6.4 A d.c. // 12.5 A d.c.
Maximal output voltage	48 V d.c.
Maximal output power	300 W // 600 W max. Voltage of 46V
Resolution of current	1 mA
Resolution cur.setting	0.2 mA
Operation	Current controlled mode
ON/OFF	Ramp function, programmable (60 sec)
Interface	USB, Keypad
Display	LCD, 2 lines

Physical data

Weight	6.3 kg // 7.3 kg
Dimension	47cm x 15cm x 32cm; 3HE, 84 TE
Housing	Bench top

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