

Appendix A

Specifications and Ordering Information

Input Power	
nominal	100–120/220–240 VAC, 50 or 60 Hz
actual	90–132 or 198–264 VAC, 50 or 60 Hz
Fuses	2.5 A, 250 VAC, 5mm x 20mm, Type T
Input Power Cord	3-wire; grounded
Output (Programmable)	
Voltage	10 V to 300 V, fully adjustable in 1 V steps
Voltage Accuracy	± 2% of reading or 3 volts, whichever is more
Current	4 mA to 400 mA, fully adjustable in 1 mA steps
Current Accuracy	± 2% of reading or 3 mA, whichever is more
Power (maximum)	75 W
Terminals	4-pair recessed banana jacks, floating in parallel
Timer Control	001 to 999 minutes, fully adjustable
Ripple	< 1% @ 300 V and 70 W
Line Regulation	< 1% @ 300 V and 70 W, 90–132 or 198–264VAC
Load Regulation	<1% @ 300 V for a 50% change in output load
Drift	< 1% @ after 15 min warmup at 300 V and 70 W
Noise	55 dBA at 1 meter
Readout Stability	
Volts	±1 V
Current	± 1 mA
Safety Features	
No load detection	Indicated by error message on display
Sudden load change detection	Indicated by error message on display
Overload/short circuit protection	Automatic power limit
Input line protection	Fuse on both hot and neutral
Auto power up after power failure	User-selectable, setup values maintained
Safety Compliance	EN-61010
EMI	Conforms to CE standards for Emissions and Immunity class A, tested only at 230V. See Declaration of Conformity for details. TUV EMC certification
Display Functions	3-digit LED displays voltage, current, or time
Function Modes	Constant voltage, constant current, timer, pause User-selectable automatic power-up after power failure
Environmental	
Operating Temperature	0–40°C
Humidity	0–95%, in the absence of condensation
Dimensions	25 cm (L) x 21 cm (W) x 8.5 cm (H)
Unit is stackable	
Weight	1.1 kg