

# Laboratory Power Supplies

## Series ZUP

200W, 400W, 800W

### SINGLE OUTPUT

Universal input range  
(85 to 265VAC)  
Power factor : 0.99  
Built in RS 232 and RS 485 interface  
GPIB option  
Remote voltage/resistive programming  
Parallel operation possible  
(Master/Slave)  
Last setting memory



### INPUT

Input voltage range 85-265VAC  
Input frequency 47-63Hz  
On/Off on front panel

### OUTPUT

Power 200, 400 and 800W  
Output adjustment front panel  
Constant voltage operation  
Line regulation 0.005% +1mV  
Load regulation 0 at 100% 0.005% +2mV  
Programming via resistance possible  
via voltage possible  
Ripple & noise 5mV to 30mV RMS  
50mV to 80mV peak to peak  
Response time 50ms to 120ms model dependent  
Constant current operation  
Line regulation 0.01% +2mA  
Load regulation 0 at 100% 0.01% +5mA  
Protection : overcurrent  
overvoltage standard  
temperature standard  
Remote sense standard

### GENERAL

Display digital possible  
Series operation (2 psu's maximum)  
Parallel operation possible (5 psu's maximum)  
Efficiency 69 to 84% model dependent  
Application bench top or 19" rack mount

### ENVIRONMENTAL

Operating temperature 0°C to +50°C  
Storage temperature -20°C to +70°C  
Cooling integral fan  
EMI Emission : EN 55022  
FCC, VCCI  
- conducted : class B  
- radiated: class A

### PHYSICAL SPECIFICATION

Dimensions  
WxHxD 70x124x350 200W, 400W  
140x124x350 800W  
Weight 2,9 kg 200W, 400W  
5,8 kg 800W

### OPTIONS

- Front panel output jacks (suffix L).
- Serial link (suffix W).
- GPIB controller (GP485)
- 19"-3U rack assembly (NL100)
- 19" blank panel (NL101)

Contact Technical Sales for additional accessories.

Model	Maximum power Watts	Input Volts	Input Amp.
ZUP6-33	198	0-6	33
ZUP6-66	396	0-6	66
ZUP6-132	792	0-6	132
ZUP10-20	200	0-10	20
ZUP10-40	400	0-10	40
ZUP10-80	800	0-10	80
ZUP20-10	200	0-20	10
ZUP20-20	400	0-20	20
ZUP20-40	800	0-20	40

Model	Maximum power Watts	Input Volts	Input Amp.
ZUP36-6	216	0-36	6
ZUP36-12	432	0-36	12
ZUP36-24	864	0-36	24
ZUP60-3.5	210	0-60	3.5
ZUP60-7	420	0-60	7
ZUP60-14	840	0-60	14
ZUP80-2.5	200	0-80	2.5
ZUP80-5	400	0-80	5
ZUP120-1.8	216	0-120	1.8
ZUP120-3.6	432	0-120	3.6