

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

GPIO 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

50ms to 120ms

model dependent

Response time

Constant current operation

Line regulation

0.01% +2mA

Load regulation

0 at 100%

0.01% +5mA

Protection :

overcurrent

overvoltage standard

temperature

standard

Remote sense

GENERAL

Display

digital

Series operation

possible

(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	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	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	400	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