



THE ZUP SERIES

Lambda EMI

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Internet <http://www.lambda-emi.com>

SPECIFICATIONS

Standard input voltage (all models)

85 – 265 VAC continuous, 47 – 63 Hz
US power cord standard
Efficiency 69-84% depending on model
Power factor – 0.99

Output characteristics

Load regulation: Constant Voltage 0.005% + 2 mV
Constant Current 0.01% + 5 mA
Line regulation: (85 – 132 VAC, 170 – 265 VAC)
Constant Voltage 0.005% + 1 mV
Constant Current 0.01% + 2 mA
Ripple: Voltage 5 Hz – 1 MHz, 5 mV RMS
(20 MHz), 50 mV P-P
Series/ parallel operation (parallel up to 5M/S)
Remote sense up to 0.5 V per line
Operating temperature: 0-50°C full power

Protective features

Oversoltage/ Undersoltage (adjustable)
Overtemperature
Foldback (current)
Safe or automatic restart mode

Programming/ Monitoring

0 – 4 V or 0 – 4K Ohm Voltage & Current
RS232 & RS485 Standard
GPIB – RS485 Controller available (GP485)

Mechanical

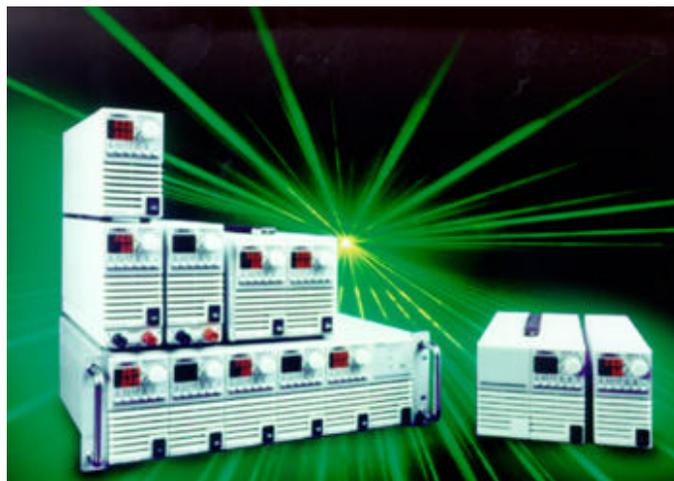
	W	H	D	WT
ZUP 200 W	2.75"/ 70 MM	4.88"/ 124 MM	13.78"/ 350 MM	6.4 LB/ 2.8 KG
ZUP 400 W	2.75"/ 70 MM	4.88"/ 124 MM	13.78"/ 350 MM	9.3 LB/ 3.2 KG
ZUP 800 W	5.5" / 140 MM	4.88"/ 124 MM	13.78"/ 350 MM	16.8 LB/ 5.8 KG
GP 485	2.75"/ 70 MM	4.88"/ 124MM	13.78"/ 350 MM	5.6 LB/ 1.95 KG
RACK MOUNT KIT AVAILABLE (NL 100)				
FRONT PANEL OUTPUT KIT AVAILABLE (/L) (To 20A output)				

Agency approvals

CE Mark Standard
Safety UL 3111-1, EN 61010-1
EMC EN 61326-1, IEC 61326-1, FCC Part 15 (class A)
EN 55022B, Conducted
EN 55022A, Radiated

PHONE: 732-922-9300 FAX: 732-922-9334 Internet: www.lambda-emi.com
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- 200, 400 and 800 W (To 60V, 132A)
- Programmable CV/CC
- RS232/RS485 Standard (GPIB Optional)



Applications

- Laboratories
- Test & Measurement
- Component Test
- Filament & Bias Supplies
- Heater Control

200 W Models		
Model	Volts	Amps
ZUP6-33/U	6	33
ZUP10-20/U	10	20
ZUP20-10/U	20	10
ZUP36-6/U	36	6
ZUP60-3.5/U	60	3.5
400W Models		
ZUP6-66/U	6	66
ZUP10-40/U	10	40
ZUP20-20/U	20	20
ZUP36-12/U	36	12
ZUP60-7/U	60	7
800 W Models		
ZUP6-132/U	6	132
ZUP10-80/U	10	80
ZUP20-40/U	20	40
ZUP36-24/U	36	24
ZUP60-14/U	60	14
3 Year Warranty		

