

LAB/SP Primary switched laboratory power supplies 2000 W



OVERVIEW

- High power volume
- Active powerfactor modul
- Primary switched, PFC = 0.98 (Option)
- Voltage and current preadjustable and readable
- Digital display show all system parameter
- Analogue interface 0-5 (10) VDC to set and read out
- Available also as ATE Version
- Interface IEEE 488 and RS232, 12 bit
- Special versions on request

TYPES

Type	Power V	Output VDC	Current A	Case
LAB/SP 2035	2000	0 – 35	0 – 60	224 x 222 x 360 mm
LAB/SP 2070	2000	0 – 70	0 – 30	224 x 222 x 360 mm
LAB/SP 2150	2000	0 – 150	0 – 15	224 x 222 x 360 mm

Order Suffix: .../Z Input voltage 115 VAC / 60 Hz

OPTIONS

Suffix	Description
/ATE	Without display and manual operation
/AI5	Analogue interface 0 – 5 VDC
/AI10	Analogue interface 0 – 10 VDC
/ATI5	Analogue interface galvanic isolated 0 – 5 VDC
/ATI10	Analogue interface galvanic isolated 0 – 10 VDC
LT	IEEE 488 interface, listener and talker
LTRS232	RS 232 interface, listener and talker
LTRS485	RS 485 interface, listener and talker
LT+LTRS232	IEEE 488.2 & RS 232, listener and talker
LT+LTRS485	IEEE 488.2 & RS 485, listener and talker
/6U	42 HP x 6 U Eurocassette
/TG	Handle
/10POT	Potentiometer with scale
/AF	Adjustable Foot
/ECT	19" x 6 U Unit Type
/ECS6	19" x 6 U rack for 4 euro cassettes
/EP21	Blank plate 6 U x 21 or 42 HP, grey

TECHNICAL DATAS

Input voltage	see option table
Input Frequency	47-63Hz
Harmonics	EN61000-3-2 A14
Isolation i/p to o/p	3000 VAC
Isolationclass	1
Safety	EN 60950
Emission	EN 61000-6-4
Immunity	EN 61000-6-2
Voltage regulation	+/-0.05%+2mV
Current regulation	+/-0.1%+2mA
Response time	<0.5mS
Ripple	<0.2%
Stabilty	0.05%
Overvoltage protection	5-110% Vmax
Sense lines	2V at <35V / 5V at >35V
Display	3.5 digits for U and C
Protection	OC / OV / OT / OP
Interface analogue	0-5(10)V see options
Interface analogue isolated	0-5(10)V see options
Interface RS 232	see options 12 Bit
Interface RS 485	see options 12 Bit
Interface IEEE 488	see options 12 Bit
Operating temperature	0-50°C
Operating Humidity	30-90% (no dewdrop)
Power derating 50-70°C	-2%/°C
Cooling 2-14kW	Force air front to back
Storage temperature	-45 to + 85°C
Storage humidity	10-95% (no dewdrop)
Vibration	10-55Hz / 1min/2G XYZ