

## LAB/S DC Laboratory Power Supplies, linear 500 – 4500 W



### OVERVIEW

- High quality DC sources with very low ripple
- Isolated output
- LED display for constant voltage, constant current operating mode
- Also available in ATE version
- Constant voltage/current, presettable 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, 485, 12 bit
- Special versions on request

### TYPES

Type	Power W	Output	Current	Case
LAB/S 05/35	500 W	0 – 35 VDC	0 – 14 A	19" x 4 U x 434 mm
LAB/S 05/70	500 W	0 – 70 VDC	0 – 7 A	19" x 4 HE x 434mm
LAB/S 05/150	500 W	0 – 150 VDC	0 – 3 A	19" x 4 HE x 434mm
LAB/S 07/35	750 W	0 – 35 VDC	0 – 21 A	19" x 4 U x 434 mm
LAB/S 07/70	750 W	0 – 70 VDC	0 – 10 A	19" x 4 U x 434 mm
LAB/S 07/150	750 W	0 – 150 VDC	0 – 5 A	19" x 4 U x 434 mm
LAB/S 10/35	1000 W	0 – 35 VDC	0 – 28 A	19" x 4 U x 434 mm
LAB/S 10/70	1000 W	0 – 70 VDC	0 – 14 A	19" x 4 U x 434 mm
LAB/S 10/150	1000 W	0 – 150 VDC	0 – 6 A	19" x 4 U x 434 mm
LAB/S 15/35	1500 W	0 – 35 VDC	0 – 42 A	19" x 4 U x 434 mm
LAB/S 15/70	1500 W	0 – 70 VDC	0 – 20 A	19" x 4 U x 434 mm
LAB/S 15/150	1500 W	0 – 150 VDC	0 – 10 A	19" x 4 U x 434 mm
LAB/S 20/35	2000 W	0 – 35 VDC	0 – 56 A	19" x 6 U x 434 mm
LAB/S 20/70	2000 W	0 – 70 VDC	0 – 28 A	19" x 6 U x 434 mm
LAB/S 20/150	2000 W	0 – 150 VDC	0 – 12 A	19" x 6 U x 434 mm
LAB/S 25/35	2500 W	0 – 35 VDC	0 – 71 A	19" x 6 U x 434 mm
LAB/S 25/70	2500 W	0 – 70 VDC	0 – 36 A	19" x 6 U x 434 mm
LAB/S 25/150	2500 W	0 – 150 VDC	0 – 16 A	19" x 6 U x 434 mm
LAB/S 30/35	3000 W	0 – 35 VDC	0 – 85 A	19" x 6 U x 434 mm
LAB/S 30/70	3000 W	0 – 70 VDC	0 – 42 A	19" x 6 U x 434 mm
LAB/S 30/150	3000 W	0 – 150 VDC	0 – 20 A	19" x 6 U x 434 mm
LAB/S 35/35	3500 W	0 – 35 VDC	0 – 100 A	19" x 6 U x 434 mm
LAB/S 35/70	3500 W	0 – 70 VDC	0 – 50 A	19" x 6 U x 434 mm
LAB/S 35/150	3500 W	0 – 150 VDC	0 – 23 A	19" x 6 U x 434 mm
LAB/S 40/70	4000 W	0 – 70 VDC	0 – 57 A	19" x 10 U x 434 mm
LAB/S 40/150	4000 W	0 – 150 VDC	0 – 26 A	19" x 10 U x 434 mm
LAB/S 45/70	4500 W	0 – 70 VDC	0 – 64 A	19" x 10 U x 434 mm
LAB/S 45/150	4500 W	0 – 150 VDC	0 – 30 A	19" x 10 U x 434 mm

## 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
/10POT	Potentiometer with scale

## TECHNICAL DATAS

Input voltage, switchable	230 VAC $\pm$ 10 %
Isolation	3700 VAC; 4250 VDC
Regulation	U/V 0,05 %, I/C 0,1 %
Ripple	Vrms 0,01 % + 4 mV
Programming accuracy	< $\pm$ 0,5 %
Sense (V/line)	1,0 V
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