

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

## 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