



M2511
~~M3622-108209~~

OLTRONIX-ELECTRONICS: Regulated Power Supplies - Converters - Amplifiers - Oscillators - Specially Designed Electronic Equipment

Address: Jämtlandsgatan 125 - Stockholm-Vällingby Sweden - Telephone 87 01 35

REGULATED POWER SUPPLY

LS 107S

GENERAL

These Bench-models are multiple voltage high stability D. C. Power Supplies for universal use, whenever D. C. voltage of excellent regulation is needed.

They are conservatively constructed with electron tube regulation. The amplifier heaters in the major unit, 0-500 V, are fed with regulated D. C. current providing improved regulation and low ripple.



Model	Regulated Output			Ripple mV r.m.s.	Regulation		Heater 6, 3V 50 Hz	Dimensions			Weight kgs
	No.	V	mA		Line mV	Load mV		H	W	D	
LS107	A	0-500	200	0,3	25	250	4,5A 1,5A	245 221	330 19"	220 248	13
	B	-150	30	0,3	10	150					
	C	0--150	high	imp.	10	-					
LS114	A	0-500	200	0,3	25	250	4,5A 1,5A	245 221	420 19"	220 250	15
	B	-150	30	0,3	10	150					
	C	0--150	high	imp.	10	-					
	D	0-150	30	1	300	300					
LS115	A	0-500	325	0,3	25	250	6A 2A	245 221	420 19"	220 250	15
	B	-150	30	0,3	10	150					
	C	0--150	high	imp.	10	-					

OUTPUTS

- A. Continuously variable in two ranges 0-250 V and 250-500 V.
- B. Fixed voltage connected to A.
- C. High impedance, continuously variable, derived from B.
- D. Continuously variable, isolated from A, B and C.

Binding posts are provided on the front panel.

INPUT VOLTAGE

220 V 50-60 Hz may fluctuate between 200 V and 240 V. Other input voltage and frequency on special request.

METERS

One meter can be switched for measuring voltage and current from output A and D.

REGULATION

The specifications above refer to a 10% line voltage variation, and a no load to full load change.

SWITCHES

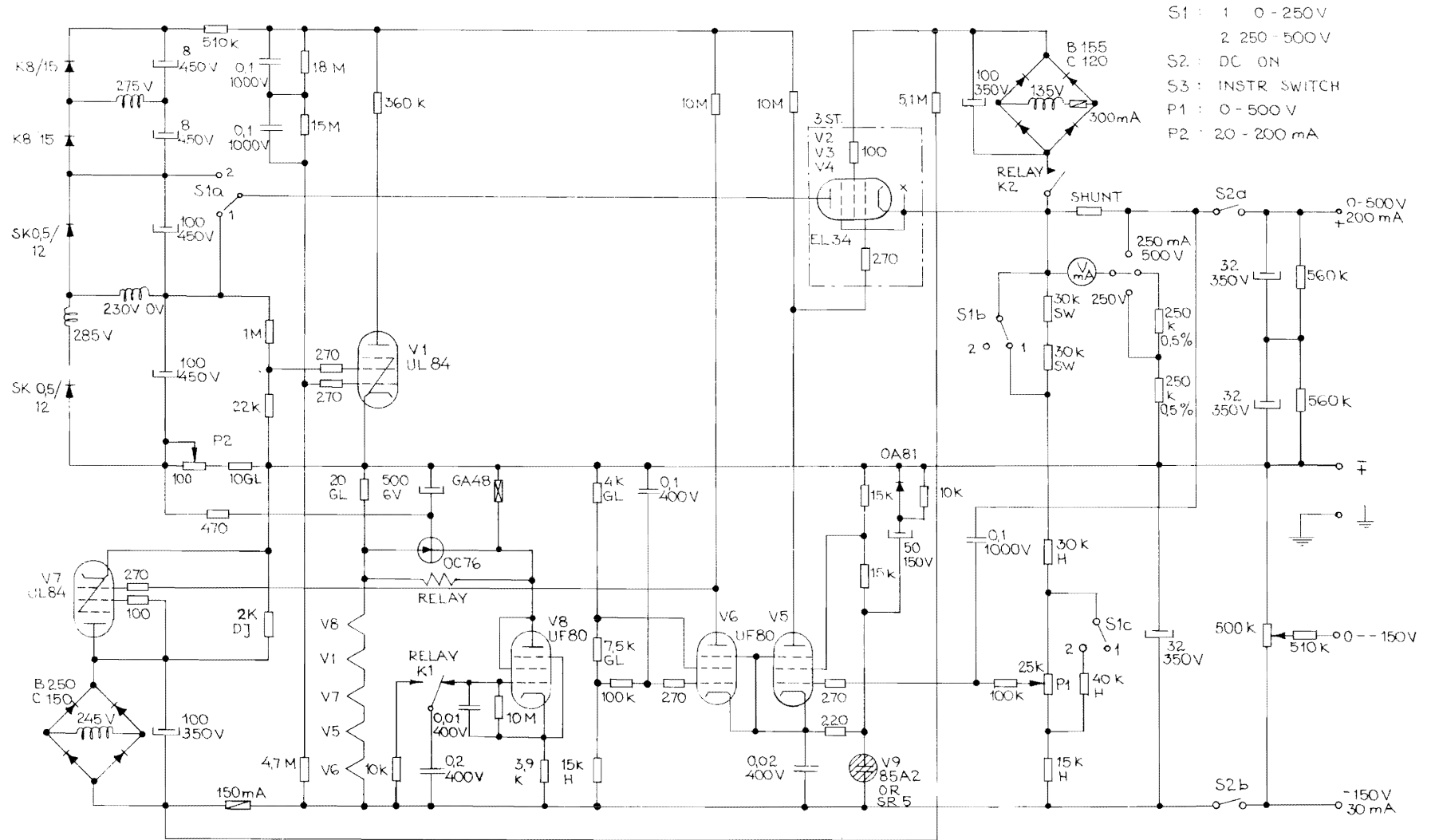
Separate switches are used for "LINE ON" and "D.C. ON". LS107 and LS115 has one "D.C. ON" switch for all D.C. output terminals. LS114 has one switch for output A, B and C and one for output D.

ADJUSTABLE PROTECTION

The different outputs are ordinarily fused with thermal fuses, but on special order the output A can be provided with a transistorized protecting circuit adjustable within 10-100% of max. current. This feature is recognized by the letter S after the model number, as in LS114S.

REGULATED POWER SUPPLY TYPE LS7DS (LS 107S) AND LS14BS (LS 114S)

0 - 500V 200 mA -150V 30 mA 0 - -150 V



- S1 : 1 0 - 250V
- 2 250 - 500V
- S2 : DC ON
- S3 : INSTR SWITCH
- P1 : 0 - 500V
- P2 : 20 - 200 mA