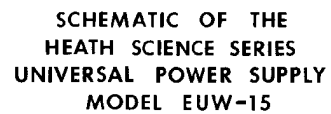


## SPECIFICATIONS

The following specifications are for the EUW-15  
Power Supply when it is wired for voltage-  
doubler operation.

B+ Voltage Output. . . . .	200 to 350 volts DC regulated, at 0 to 100 milliamperes continuous.
Filament Voltage Output. . . . .	6.3 volts AC at 3 amperes.
B+ Regulation. . . . .	Output variation less than 1% from no load to full load at 300 volts. Output variation less than $\pm 1$ volt for a $\pm 10$ volt variation in the AC line input.
B+ Ripple. . . . .	Less than 10 millivolts rms ripple, jitter, and noise.
B+ Output Impedance. . . . .	Less than 10 $\Omega$ from 5-100,000 cps.
Divider Voltages (Unregulated). . . . .	Approximately 500, 400, 300, 200, and 100 volts.
Voltage Divider. . . . .	Internal, using five 1500 $\Omega$ 10 watt resistors; also can be used as a variable internal load.
Variable Load. . . . .	Voltage divider can be connected as a variable load, but current must not exceed 80 milliamperes.
Tube Complement. . . . .	1 - 6L6GC, series regulator. 1 - 6BH6, control amplifier. 1 - OB2, voltage regulator.
Controls And Switches. . . . .	DIVIDER VOLTAGE (or variable load switch). DIVIDER-REGULATOR switch. REGULATOR VOLTAGE (MIN-MAX) control. POWER (ON-OFF) switch. HIGH VOLTAGE (ON-OFF) switch. PRIMARY VOLTAGE SWITCH (on the chassis).
Output Terminals. . . . .	DC+ and DC-. FILament (6.3 VAC). Meter. Chassis ground.



SCHEMATIC OF THE  
HEATH SCIENCE SERIES  
UNIVERSAL POWER SUPPLY  
MODEL EUW-15