

Hand-drawn schematic diagram of a vacuum tube power supply. The diagram shows three power transformers: T_1 (S-8829), T_2 (T-360), and T_3 (S-5033). Transformer T_1 has a primary connected to a line with a fuse F_1 and a switch S_3 , and a secondary connected to a 5Z3 tube. Transformer T_2 has a primary connected to the same line and a secondary connected to a 6.3V 4T 2A filament winding. Transformer T_3 has a primary connected to the same line and a secondary connected to two 866 tubes. The 5Z3 tube is connected to a network of components including an inductor L_1 (30H KC-350), capacitors C_{17} (8) and C_{18} (8), and a variable capacitor C_{19} (1.5). The 866 tubes are connected to a network of components including an inductor L_2 (20H(1) T-511), an inductor L_3 (10H T-165), and capacitors C_{19} (1.5) and C_{20} (1.5). The diagram also shows a switch S_1 and a variable capacitor C_{17} . A note at the bottom indicates a lead to an external interlock on the top cover of the cabinet.