

Hi-Fi Series: classic style, exquisite craft, comprehensive and balanced sound performance, largest sales volume over the world, best choice for you .

845 is direct-heated type thorium tungsten cathode triode, class A1 and AB1

Heater

U_f-----10 V
 I_f-----3.25 A

Maximum Rating

U_a-----1250 V
 P_a-----75 W
 P_{out}(max. sig)-----150 W
 I_a(max)-----120 mA;

Direct Interelectrode Capacitances

input-----6 PF
 output-----4.5 PF
 grid to plate-----14.5 PF

Static parameter

U_a-----1250 V
 —U_g-----200 V
 I_a-----80 mA
 G_m-----3 mA/V
 r_i-----1.7 KΩ
 u-----5
 R_L-----3.4 KΩ
 U_g(pk)-----69 V
 P_{out}-----15 W

Recommended Operating Conditions (reference value class A1 .single tube:

U_a----1000 1000 1250 V
 —U_g--- 145 155 209 V
 R_L----6 9 16 KΩ
 I_a----90 65 52 mA
 G_m----3.1 — — mA/V
 U_g(pk)--- 110 148 V
 r_i----1.7 1.9 2.1 KΩ
 P_{out}---24 21 24 W

Push-pull. class AB1:

U_a----- 800 1000 1000 1250 V
 —U_g----- 125 170 175 225 V
 R_L----- 4.5 4.6 4.6 6.6 KΩ
 I_a-----80 70 40 40 mA
 U_g(pk)-----177 240 — — V
 I_a (mA, sig) -----170 230 230 240 mA
 P_{out}-----40 75 75 115 W

