

6P41S PP UL

+Ub = 300 V Ik = 50 mA / tube Ig2 = 2 mA

Ug1 = -50 V OPT: Indel TGL40, 4k:8, UL40%

Uin [mV]	Pout [W]	THD [%]	Ik [mA]
32	3	0,56	112
50	8	0,75	131
60	13	1,04	145
72	18	1,26	161
84	25	1,35	180
95	32	1,65	202

Rload = 4 ohm ----> Ra-a = 2k

Uin [mV]	Pout [W]	THD [%]	Ik [mA]
36	4	0,82	125
53	9	1,58	155
69	16	2,19	185
84	25	2,56	223
107	42	2,7	285

Zout = 6.5 ohms

No GNFB, NFB by UL = 6.7 dB

6P41S PP UL

+Ub = 250 V Ik = 65 mA / tube Ug1 = -38 V

OPT: 4k:8, UL40% Rload = 4 ohm ----> Ra-a = 2k

Pout = 30 W (max.), THD = 0.9 % (No GNFB)

6P41S PP TRIODE

+Ub = 300 V Ik = 50 mA / tube No GNFB

Ug1 = -50 V OPT: Indel TGL40, 4k:8, UL40%

Uin [mV]	Pout [W]	THD [%]	Rload [ohm]
100	16	1,5	8
100	21	2	4

Zout = 2.7 ohms

6P41S PP Pentode

+Ub = 350 V Ug2 = 175 V Ug1 = -26 V

Ia = 2 x 47 mA Ig2 < 3 mA (tot.)

OPT: Indel TGL40, 4k:8, UL40% Rload = 8 ohm

Uin [mV]	Pout [W]	THD [%]	Ia [mA]	Ig2 [mA]
22	8	0,70	115	4
33	18	0,54	142	5
44	32	0,45	178	8
47	36	0,62	-	-
50	40	1,2	196	11

Zout = 36 ohms

6P41S PP Pentode

+Ub = 400 V Ug2 = 180 V Ug1 = -30 V

Ia = 2 x 40 mA Ig2 < 3 mA (tot.)

OPT: Indel TGL40, 4k:8, UL40% Rload = 8 ohm

Uout [Vrms]	THD [%]	Ia [mA]	Ig2 [mA]
12,0	1,20		
16,0	1,69		
20,0	1,83		
21,0	1,79	220	13

6P41S PP Pentode

+Ub = 250 V Ug2 = 250 V Ug1 = -44 V

Ia = 2 x 30 mA Ig2 < 3 mA (tot.)

OPT: Indel TGL40, 4k:8, UL40% Rload = 8 ohm

Uin [mV]	Pout [W]	THD [%]	Ia [mA]	Ig2 [mA]
34	8	0,70		
42	13	0,54		
49	18	0,45		
52	21	0,62	142	20