

SOVTEK

6L6WXT

Typical operation, Class A amplifier

Plate voltage	350 v
Grid2 voltage	250 v
Grid1 voltage, DC	-18 v
Grid1 voltage, AC, amplitude value	18 v
Plate current	54 ma
Grid2 current	3.0 ma
Transconductance	5.2 ma/v
Plate load resistance	4.2 kOhm
Output power	10.8 w
Cathode to heater leakage current	20 μ a

Limiting values

	min	max
Filament voltage	5.7 v	6.9 v
Plate voltage		500 v
Grid2 voltage		450 v
Grid 1 negative voltage		100 v
Plate dissipation power		30 w
Grid2 dissipation power		5 w
Cathode to filament voltage		\pm 200 v
Resistance in grid1 circuit		
at fixed (clamp) bias		0.1 MOh
at automatic bias		0.51 MOh
Envelope temperature at hottest point		250° C

