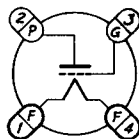


TRIODE
POWER AMPLIFIER
Filament Type Glass Bulb

The 6A3 is a triode type power amplifier tube designed for service in the output stage of storage battery or a-c operated receivers. The ratings and electrical characteristics are identical with those of the type 6B4G.



BOTTOM VIEW OF SOCKET

RATINGS

Heater Voltage (a-c or d-c)	6.3	volts
Heater Current	1.0	amp
Maximum Plate Voltage	325	volts

DIRECT INTERELECTRODE CAPACITANCES

Grid to Plate	16	μf
Input	7	μf
Output	5	μf

AMPLIFIER - CLASS A

Plate Voltage	250 max.	volts
Grid Bias*	-45	volts
Amplification Factor	4.2	
Plate Resistance	800	ohms
Transconductance	5250	μmhos
Plate Current	60	ma
Load Resistance	2500	ohms
Power Output (5% second harmonic)	3.2	watts

AMPLIFIER - CLASS AB - PUSH-PULL - TWO TUBES

	Fixed-Bias	Self-Bias	
Plate Voltage	325	325	volts
Grid Bias*	-68		volts
Self-Bias Resistor		750	ohms
No-Signal Plate Current (per tube)	40	40	ma
Load Resistance (plate to plate)	3000	5000	ohms
Power Output	15	10	watts
Total Harmonic Distortion	2.5	5	percent

*Grid bias measured from midpoint of a-c operated filament.

For additional curves refer to the type 6B4G.

