



ELECTRONIC TUBE REFERENCE

6AC6GT

Power - Triode electronic tube

CONSOLIDATED TECHNICAL DATA

2 SECTIONS

CONSTRUCTION

TRIODE-TRIODE

Dynamic-coupled twin-triode power amplifier whose internally connected input and output triodes provide high plate efficiency for Class-A audio power-output service.

GENERAL CHARACTERISTICS

BASE DESIGNATION	7W	BASE PINS	8
NOMINAL HEATER	6.3 V / 1.1 A	PARALLEL HEATER	– / –
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Common cathode	SECTION CONSTRUCTION	Dissimilar

SECTION RATINGS

SECTION1 Triode	
PLATE RESISTANCE	18000 Ω
TRANSCONDUCTANCE	0.003 S
AMPLIFICATION FACTOR	54
MAXIMUM PLATE VOLTAGE	180 V
Published ratings and characteristics promoted where clearly legible in the approved source.	

SECTION2 Triode	
No fixed ratings recorded.	

Dynamic-coupled twin-triode power amplifier with input and output triodes internally connected for high plate efficiency.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1944 Hytron

Published test conditions and operating points. Values on this page are preserved as reported by this source.

1944 HYTRON

Section 1 · Triode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Power Output	9 W	PushPull;TwoTubes



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

195X General Electric Essential Characteristics

Published test conditions and operating points. Values on this page are preserved as reported by this source.

195X GENERAL ELECTRIC ESSENTIAL CHARACTERISTICS

Section 1 · Triode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum plate voltage	180 V	Published handbook rating
Plate voltage	180 V	ClassA
Screen voltage	180 V	ClassA
Control-grid bias	0 V	ClassA
Plate current	45 mA	ClassA
Screen current	7 mA	ClassA
Load resistance	3500 ohm	ClassA
Power output	3.6 W	ClassA

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate resistance	18000 ohm	Published handbook characteristic
Transconductance	3000 μ S	Published handbook characteristic
Heater/filament voltage	6.3 V	Published heater/filament rating
Heater/filament current	1.1 A	Published heater/filament rating