



ELECTRONIC TUBE REFERENCE

6N6

Power - Triode electronic tube

CONSOLIDATED TECHNICAL DATA

2 SECTIONS

CONSTRUCTION

TRIODE-TRIODE

Direct-coupled dual-triode power-output tube whose internally connected sections form a Class-A amplifier, designed to provide efficient audio power with conventional external circuitry.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	8
NOMINAL HEATER	6.3 V / 800 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Triode	
PLATE RESISTANCE	24100 Ω
Source-defined physical/function section.	

SECTION2 Triode	
MAXIMUM PLATE VOLTAGE	300 V
Source-defined physical/function section.	

from RMA registration #81, July 9, 1936 ESx~QAD OR6 = PAS I N o Y] Uinv . . ? ! Tentative Data
GENERAL DESCRIPTION Application: The Ken-Red 6N6 is a cathode type power output tube comprising two triodes so connected internally as to form a direct coupled amplifier. Although the internal construction and theory of operation is different from conventional output tubes, external circuit considerations are very similar to Class A triodes and pentodes. Operation of the 6H6 is characterized by high

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1937 Ken Rad

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

1937 KEN RAD

Section 1 · Triode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate Voltage	300 V	Plate Voltage EOutput) 250 300 Volts
Plate Current	8 A	OPlate Current (Input) 6.5 8.0 lilliamperes
Grid Voltage	0 V	00Grid Voltage 0 Volts

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Section 2 · Triode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate Voltage	300 V	Plate Voltage {(Output) 250 300 Volts