

ELECTRONIC TUBE REFERENCE

RG64

Rectifier - Full Wave electronic tube

CONSOLIDATED TECHNICAL DATA
2 SECTIONS
CONSTRUCTION
RECTIFIER-RECTIFIER

Directly heated high-vacuum full-wave rectifier for high-power, high-voltage rectifier systems. Its heavy filament and approximately 10 kV inverse-voltage capability suit substantial professional supplies.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	25 V / 8 A	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Rectifier	
PLATE RESISTANCE	1650 Ω
PEAK INVERSE VOLTAGE	10000 V
NOMINAL OUTPUT CURRENT	250 mA
PEAK FORWARD CURRENT	500 mA
Published Telefunken ratings and characteristics promoted from the supplied German source.	

SECTION2 Rectifier	
PEAK INVERSE VOLTAGE	10000 V
NOMINAL OUTPUT CURRENT	250 mA
PEAK FORWARD CURRENT	500 mA
Physical rectifier section 2; electrical values duplicated from identical section 1 per physical-section policy.	

Directly heated high-vacuum full-wave rectifier for high-power rectifier systems.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1959 Telefunken

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

1959 TELEFUNKEN

Section 1 · Rectifier

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
HeaterOrFilamentVoltage	25 V	—
HeaterOrFilamentCurrent	8 A	—
Internal Resistance	1650 ohm	—
Application	Full-wave high-vacuum rectifier	—

TUBE TINKER

An independent reference for electronic tubes, vacuum tubes,
and their source documents.

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