



ELECTRONIC TUBE REFERENCE

22000A

Rectifier - Half Wave electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

RECTIFIER

Eimac 2-2000A directly heated high-power high-vacuum rectifier for very-high-voltage supplies. Its massive filament, extreme inverse-voltage capability, and substantial output suit major transmitter and industrial systems.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	10 V / 25 A	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Rectifier	
MAXIMUM PLATE DISSIPATION	1200 W
PEAK INVERSE VOLTAGE	75000 V
NOMINAL OUTPUT CURRENT	750 mA
<i>Published maximum ratings and characteristics audited; additional applicable numerical data retained in parameter table.</i>	

The Eimac 2-2000A is a high-power high-vacuum rectifier for high-voltage power supplies, rated for approximately 750 mA average plate current and 75 kV peak inverse voltage.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1950 Eimac Tubes

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

1950 EIMAC TUBES

Section 1 · Rectifier

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Average plate current	750 mA	Maximum average plate current from Eimac high-vacuum rectifier table.
Plate dissipation	1200 W	Maximum plate dissipation from Eimac high-vacuum rectifier table.
Peak inverse voltage	75000 V	Maximum peak inverse voltage from Eimac high-vacuum rectifier table.
Filament voltage	10 V	Nominal filament voltage from Eimac high-vacuum rectifier table.
Filament current	25 A	Nominal filament current from Eimac high-vacuum rectifier table.

TUBE TINKER

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

[Catalog](#) [Tube types](#) [Full books](#) [Blog](#) [Feedback & corrections](#)

© 2026 Tube Tinker