ELECTRONIC TUBE REFERENCE

346A

Rectifier - Half Wave electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
RECTIFIER

Western Electric three-electrode cold-cathode gas-filled tube for relay, rectifier, and voltage-regulator or control service in industrial and communications equipment.

General characteristics

BASE DESIGNATION	_	BASE PINS	_
NOMINAL HEATER	_ / _	PARALLEL HEATER	_ / _
HEATING	Indirect; cold cathode	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

Section ratings

SECTION1 Rectifier

MAXIMUM CATHODE CURRENT	10 mA
REGULATOR VOLTAGE	60 V
STARTING VOLTAGE	70 V
MAINTAINING VOLTAGE	60 V

Cold-cathode main/starter-gap device; regulator fields reflect the published starter/control-gap breakdown and sustaining values.

Western Electric 346A is a three-electrode cold-cathode gas-filled tube for relay, rectifier and voltage-regulator/control service.

SOURCE OPERATING CONDITIONS

SOURCE PDF

2026 Western Electric 300s

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

2026 WESTERN ELECTRIC 300S

Section 1 · Rectifier

OTHER

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum forward peak cathode current	**30 mA**	—
Maximum average cathode current	**10 mA**	—
Maximum inverse peak anode current	**5 mA**	—

CHARACTERISTIC

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Main-gap breakdown voltage	**150 V**	—
Main-gap sustaining voltage	**75 V**	—
Control/starter-gap breakdown voltage	**70 V**	—
Control/starter-gap sustaining voltage	**60 V**	—

Tube Tinker

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

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