



# AHV

High Voltage Power Supplies

## Model 580006

### Fully Adjustable High Voltage CRT Anode Power Supply

#### Description

The American High Voltage model 580006 was developed as a fully adjustable CRT Anode power supply.

The 580006 is ideal for a wide range of CRT Anode applications that require proven reliability in the most extreme environmental conditions.

#### Features

- Arc, Short Circuit and Overvoltage Protection
- Dynamic Load Regulation
- Ruggedized Modular Design
- EMI Suppression
- Remote Programming



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## Fully Adjustable High Voltage CRT Anode Power Supply

### Electrical Characteristics

Parameter	Value	Conditions
Input Voltage	28 VDC +/- 10%	50 V Surge 1 Sec. MAX
Input Current	180mA NL, 550mA FL	MAX
Output Voltage	1000 VDC to 12,000 VDC	-54 Deg. C to +85 Deg. C (Base Plate)
Output Current	500uA	MAX
Temperature Coefficient	150 PPM	NL to FL
Static Regulation	0.05%	0 to FL
Dynamic Load	10 VDC Maximum	Per 100uA of Load Current
Ripple	0.15% p to p MAX	At FL

