



**AHV**  
High Voltage Power Supplies

# Model 580005B

## Adjustable High Voltage CRT Focus Power Supply

### Description

The American High Voltage model 580005B was developed as a fully adjustable CRT Focus power supply.

The 580005B is ideal for a wide range of CRT Focus applications that require proven reliability in the most extreme environmental conditions.

### Features

- Arc, Short Circuit and Overvoltage Protection
- 25,000 Hour MTBF
- Ruggedized Modular Design
- EMI Suppression
- Remote Programming



American High Voltage

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## Adjustable High Voltage CRT Focus Power Supply

### Electrical Characteristics

Parameter	Value	Conditions
Input Voltage	25 VDC to 31 VDC	50 V Surge 1 Sec. MAX
Input Current	575mA MIN to 675mA MAX	At FL
Output Voltage	5000 VDC to 2500 VDC	-55 Deg. C to +90 Deg. C (Base Plate)
Output Current	2mA	MAX
Temperature Coefficient	250 PPM	
Line Regulation	0.1%	
Load Regulation	3%	HL to FL
Ripple	0.4% p to p MAX	At FL

