



- Constant Voltage (CV) and Constant Current (CC) Operation
- High Stability and Excellent Regulation
- Separate Output ON / OFF Switch
- Remote Sensing
- External Analog Programming Interface Standards

Models 1790, 1791, 1794, 1795 & 1796 are cost-effective, high power, regulated DC power supplies. These linear power supplies are high power workhorses that will easily deliver clean power to your high-current circuits. Special features include the ability to set constant current with no load and remote sense to compensate for any voltage drop in load leads.

## SPECIFICATIONS

Specifications	1790	1791	1794	1795	1796
<b>Output Characteristics</b>					
Voltage	0-32V	0-64V	0-32V	0-64V	0-16V
Current	0-20A	0-10A	0-30A	0-15A	0-50A
Max Power	640W	640W	960W	960W	800W
<b>Constant Voltage Mode</b>					
Line Regulation	<math>\pm 0.01\% \pm 2\text{mV}</math>				
Load Regulation	<math>\pm 0.01\% \pm 2\text{mV}</math>				
Ripple and Noise (20Hz - 20MHz)	<math>< 1\text{mV rms}</math>				
<b>Constant Current Mode</b>					
Line Regulation	<math>\pm 0.05\% \pm 10\text{mA}</math>				
Load Regulation	<math>\pm 0.05\% \pm 10\text{mA}</math>				
Ripple and Noise (20Hz - 20MHz)	3mA rms		6mA rms		3mA rms
<b>General</b>					
Stability (Total drift within 8 hours after warm up under constant line, load and temperature)	<math>\pm 0.2\% \pm 10\text{mV}</math> in CV mode. <math>\pm 0.5\% \pm 10\text{mA}</math> in CC mode.				
Operating Temperature	32 to 104 °F (0 to 4°C)				
Input Voltage	230* V AC $\pm 10\%$ , 47-63 Hz.				
Dimensions	483 (W) x 133 (H) x 400 (D) mm				
Accessories	User Manual and Power Cord.				

\* Also Available 115V AC.

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