Power Supply

P01 Power Supply (900P01-xxxx)

The P01 power supply provides 5VDC and 24VDC to satisfy the power requirements of a rack with a controller and local I/O, a rack with a scanner, and remote I/O. The 60-watt capacity allows for almost any mix of I/O modules in one rack. See Module Specifications starting on page 6. A tool-secured door covers the high voltage connections; test jacks behind the door allow for quick verification of proper operation. An internal non-replaceable fuse limits supply current under certain fault conditions.

P24 Power Supply (900P24-xxxx)

The P24 power supply provides 5VDC and 24VDC to satisfy the power requirements of a rack with a controller and local I/O, a rack with a scanner and remote I/O or a redundant controller rack. The 60-watt capacity requires minimal de-rating of the available ControlEdge HC900 I/O modules. A tool-secured door covers the voltage connections. An internal non-replaceable fuse limits supply current under certain fault conditions.

	P01 Power Supply (900P01- xxxx)	P24 Power Supply (900P24-xxxx)
Wiring	Screw type terminals, Wire gauge #12-22 AWG	Screw type terminals, Wire gauge #12-22 AWG
Operating Voltage	Universal Power, 90-264VAC, 47-63 Hz	21-29VDC
Input Rating	130VA	72.5W
Output Rating	60W	60W
In Rush Current	7 Amps peak-to-peak for 150 ms at 240 VAC	In-rush current: 30A for 3ms @29VDC
Fuse	Internal, non-replaceable	Internal, non-replaceable
Test jacks	5 volt, 24 Volt	None
Hold up time	20milliseconds @ 115VAC, 60HZ maximum Load	

See next section for how to choose an AC power supply.