Redundant Power Supplies

A redundant power supply system provides extra uptime protection for chassis that are used in critical applications. The redundant power supplies funnel power through the chassis adapter to the ControlLogix series B chassis backplane. To build a redundant power supply system, you need the following components.

Cat. No.	Amount	Description	Voltage Category	Operating Voltage Range	Chassis
1756-PAR2	Kit	Bundled system contains: – Two1756-PA75R power supplies – Two 1756-CPR2 cables – One 1756-PSCA2 chassis adapter	110V AC	N/A	Standard, series B
1756-PBR2	Kit	Bundled system contains: – Two 1756-PB75R power supples – Two 1756-CPR2 cables – One 1756-PSCA2 chassis adapter	24V DC	N/A	
1756-PA75R/A or 1756-PB75R/A	2	Redundant AC power supply Redundant DC power supply	120V/220V AC 24V DC	85…256V AC 19.2…32V DC	
1756-CPR2	2	Redundant power supply cable (Length = 0.91 m [3 ft])	N/A	N/A	
1756-PSCA2	1	Redundant power supply chassis adapter			
N/A (user-supplied)	2	Annunciator wiring(1) (Maximum length = 10 m [32.8 ft])			

(1) Optional user-supplied annunciator wiring can be connected to the solid-state relay for status and troubleshooting purposes.

Visualization Products

Visualization products, together with Logix for control and NetLinx architecture for communication, compose the Rockwell Automation Integrated Architecture™ strategy. The visualization strategy combines Rockwell Automation expertise in Allen-Bradley® electronic operator interface and industrialized personal computer hardware with Rockwell Software® supervisory control software. Current visualization products include the following:

- FactoryTalk View software
- PanelView Plus operator interface
- PanelView Plus CE operator interface
- Industrial computers and monitors

For more information, see the Operator Interface catalog pages at http://www.ab.com/en/epub/catalogs/12762/2181376/1239781/.

Programming Software

Your selection of modules and network configuration determines what software packages you require to configure and program your system.