SPC 420 Power Control Device

Reboot or Power Cycle Data Center Devices with the Avocent Secure Power Management over IP Solution

The Avocent SPC power management over IP solution sets new standards in the way you securely monitor and manage power to your business-critical servers and other data center network devices. Using Avocent DSView® 3 management software, you can remotely reboot or power cycle servers and network devices from any location using TCP/IP connectivity. Combined with Avocent DSR® KVM switches and the ACS appliance, the SPC power control device delivers advanced power management and security. The SPC device provides enhanced security options, including password protection, port-specific access rights and port groupings. DSR KVM switches and ACS appliances add authentication and multiple levels of data encryption for advanced user security.

The latest version of DSView 3 software integrates power control into seamless click and connect access. DSView 3 software lets you easily associate server names with actual power outlet ports on the SPC power control device. This feature eliminates the need to memorize the DSR/ACS/SPC appliances and SPC port combinations of the target server or the assigned user permissions. DSView 3 software also allows grouping of servers with dual power supplies connected to two power circuits. DSView 3 software separates the power supplies on different power sources for true redundancy and control of dual-powered servers.

The MergePoint® service processor management appliances also ease the deployment and management of these technologies. With easy-to-use IPMI provisioning capabilities and an auto-discovery mechanism for server management technologies within the network, the MergePoint 5300 series appliances are ideal for enterprise data centers as well as for high performance computing (HPC) and other clustering environments.

Benefits

- Intelligent Power Management. Individual, addressable power outlets let you remotely reboot devices from any location in the data center or across the globe
- Security. In addition to port-specific and command-specific access control, the SPC power control solution provides advanced user authentication and data encryption when combined with Avocent DSR KVM switches and ACS appliances
- Power Monitoring. Dynamically measures and reports total input current load and indicates on/off status for every port
- Power Control. Features command-line local and remote power on/off and cycling
- Energy Efficiency. Power-on sequencing eliminates inrush current overload, which lets you maximize the number of devices on a single circuit
- Click and Connect Access. Avocent DSView 3 software, using IP connections, provides secure click and connect access to any connected SPC power control device. DSView 3 software lets you easily associate server names with actual power outlet ports on the SPC device
- Ease of Use. Available in a 4-outlet model, with configurable port grouping and naming, multiport commands and enhanced administration

Ordering Details

SPC Power Control Devices

Part Number	Description
SPC420V-1	4 Port Vertical 115V, 15A w/Nema 5-15P Plug & Nema 5-15R Outlets
SPC420V-2	4 Port Vertical 208V, 15A w/Nema 6-15P Plug & IEC C-13 Outlets
SPC420V-2N	4-port vertical 208-240V, 15A, unterminated plug & IEC C13
CBL0012	Power cord 250V, 15A, IEC C-19 with JIS-8303 plug
CBL0015	Power cord 115V, 20A, IEC C-19 w/ 5-20P plug
CBL0016	Power cord 208V, 15A, IEC C-19 w/ 6-15 plug
CBL0017	Power cord 208V, 20A, IEC C-19 w/ 6-20 plug
CBL0018	Power cord 115V, 20A, IEC C-19 w/ L5-20P twist-lock plug
CBL0019	Power cord 208V, 20A, IEC C-19 w/ L6-20P twist-lock plug $49.00 TC1
CBL0020	Power cord IEC C-13 to C-14 (for use with 208V units) $20.00 TC1

Features

Integrated Power Management
Access to SPC power control device from DSView 3 software provides built-in support for servers with multiple power supplies and reduces the possibility of inadvertently switching off the wrong server/target device

Higher Amperage
The SPC device with 208V @ 30 Amp doubles the power load delivered to the rack without increasing the electrical infrastructure

On/Off Power Indicators
With DSView 3 software, easily view the SPC device's power outlet on/off status without entering the server room/data center

Power-Up Sequencing
Avoid branch circuit overload (often caused by inrush current) when turning on the SPC device

Naming Associations
Create an association between a server name and specific SPC outlet port(s)

Redundant Power Supply Configurations
Single click and connect power control of dual/multiple target devices that are powered from independent branch circuits and power sources

Power Monitoring
Dynamically measures and reports total input current load and indicates on/off state for every port

Local and Remote Power Load Measurement
Hot plug additional SPC devices without the risk of overloading the branch circuit

Specifications

Mechanical
Size: 17.25 in. (43.81 cm)H, 2.4 in. (6.09 cm)W, 1.75 in. (4.45 cm)D
Weight: 4 lbs (1.81 Kg)

Environmental
Operating Temperature: 5 to 131 F (-15 to 55 C)
Storage Temperature: 40 to 185 F (-40 to 85 C)
Humidity: 10 to 90% non-condensing

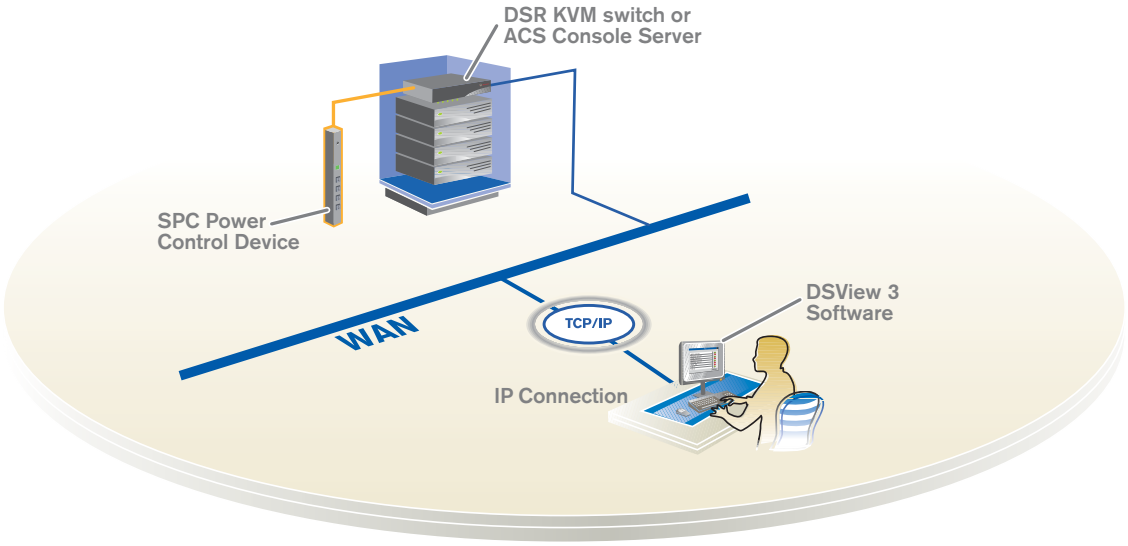
Power Input
Nominal Input Voltage: 115 VAC, 20A & 30A & 208 VAC, 30A
Input Frequency: 50/60 Hz
Current Ratings: 15A, 20A, 30A
Input Connector Plug(s): Available in straight blade and twist-lock plugs. 15A and 20A units have fixed twist-lock plugs or unterminated cable.

Power Output
Receptacles: NEMA 5-15R & IEC 60320 / C13
Rating: 10A (per outlet)
RJ-45 Console Port: EIA-232
Overload Protection: Inrush prevented by power-on sequencing

LED Indicators
On sense (green): Indicates Power Status
Load sense: Dynamically displays cumulative current load

Approved Agency
US & Canada (cTUVus mark) to UL 60950 3rd Ed. and CAN/CSA 22.2 No.60950-00, European Union (TUVGS mark) to 60950, Germany (GS) and Japan (UCCI)

Warranty
2 Year



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