AVOCENT® RACKMOUNT POWER SUPPLY (RMPSU)

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FEATURES

More Efficient Power Distribution

- Available with one or two hot-swappable power modules. Dual module configurations balance the power load across both modules.

- Each module has been rated to 500,000hrs MTBF.

Scale or change effortlessly

- No need for individual power supplies. Each unit provides 8 or 16 independently controllable 12V outputs.

- Power all your low-voltage devices. Cable converters available for 12V to 5V conversions.

Management for Even Greater Efficiency

- Control and monitor the RMPSU via a secure HTTP interface.

- Manage temperature, fan speed and current down to the port.

- Integrate with third-party management tools through REST API.

Low-voltage devices, like the Avocent® HMX and Avocent LV Extender, often require the use of external power supplies for operation. Avocent power supplies provide great reliability and efficiency, but when IT infrastructures require flexibility coupled with the highest levels of efficiency, the Avocent® RMPSU delivers.

The Avocent RMPSU increases reliability while providing economies of scale and convenience that aren't possible with external power supplies.

Consolidate for More Efficient Power Distribution

Power integrity, safety and management are core elements of the RMPSU system. At start up, the RMPSU checks the status of the power module(s). It then enables each of the power outputs in sequence to reduce the instantaneous load on the power modules.

After start up each power output is protected by overlapping safety features that guard against excess demand by any connected device. Additionally, the RMPSU can be controlled and monitored via a web interface. Temperature, fan speeds and individual current measurements are viewable and each output can be individually controlled.

The RMPSU features either one, or two, hot-swappable switched mode 460W power modules. A single power module is rated at 500,000 hours MTBF and can easily meet the needs of sixteen ports. However, in situations where redundancy is required, a second power module is available. With two power modules, the normal load will be intelligently balanced; with the full power load transferring immediately to the healthy module should one of the modules cease operation.

Ready for Change

Whether, the requirement is adding new capability or optimizing current space in the rack, the RMPSU makes it easy to add or relocate systems without the need to manage external power supplies. Each RMPSU can support up to 8 or 16 devices. All power outputs feature a locking connector to guard against accidental disconnection and provides a maximum of 20W at 12V.

The Avocent Rackmount Power Supply (RMPSU) is a perfect solution for organizations that need to reduce power usage, increase flexibility and optimize precious rack real estate.

TECHNICAL SPECIFICATIONS

Inputs
Connectors: 2 IEC C14
2 IEC C14 (with Redundant Power Supply Inserted)
Input Power: 90-264V AC 47/63Hz
Efficiency: 92%
Power Factor: 0.99 typical

Peripheral connections
1 x RJ45 for 10/100 Ethernet connection

Power outputs
8 or 16 locking 3-pin DC connectors
12V DC 20W output
Each output is a Limited Power Service (LPS) to IEC 60950-1.

Physical design
Compact case, robust metal construction.
Designed for 19 inch rack mounting

Dimensions
WxHxD
435mm x 44mm x 275mm x 275mm
17.13in x 1.73in x 10.8in
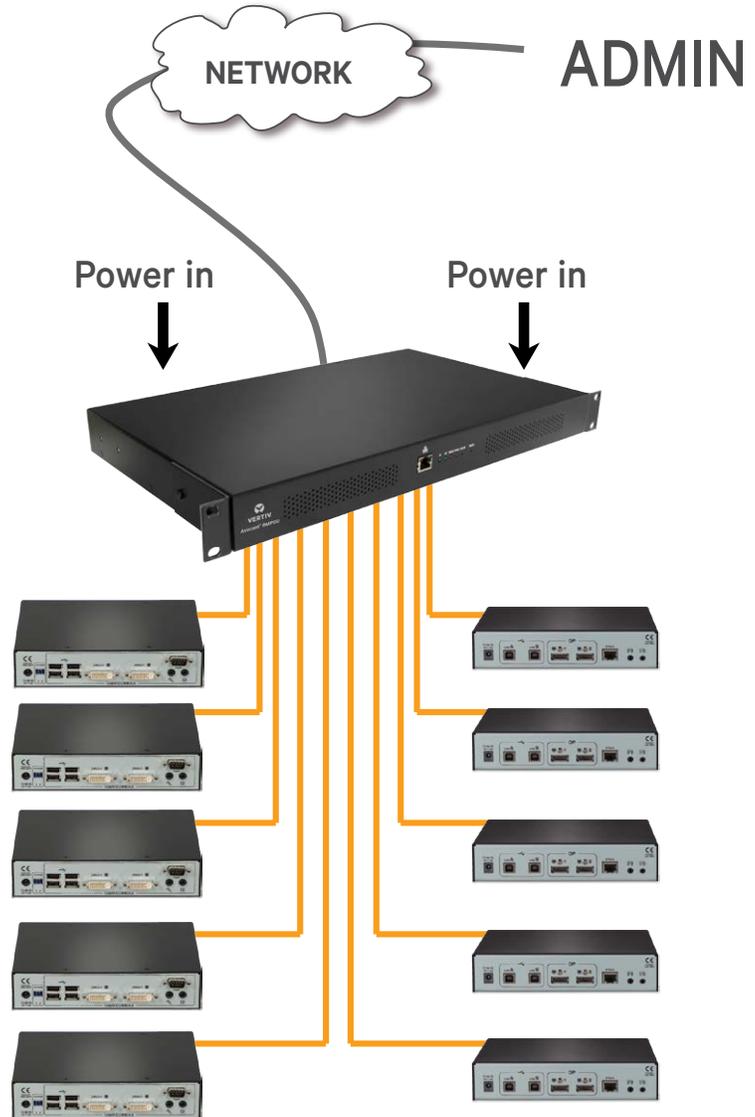Weight
4.5kg/9.9lbs.

Operating conditions
Temperature   0 to 50ºC / 32 to 122ºF
Humidity   5 – 90% Non condensing
Altitude   <2000Meters / 6500ft
MTBF   500,000hrs at full load @50° C

Local client requirements
Browser versions
Internet Explorer®   10,11
Firefox   24 ESR and above
Chrome   43

Approvals
CE, FCC, UL

NETWORK   ADMIN

Power in   Power in

Ordering Details

PART NUMBER	DESCRIPTION
RMPSU-16-001	16 ports 1 PSU
RMPSU-8-001	8 ports 1 PSU
RMPSU-PS	Redundant Power Supply
ADB0048	RMPSU 12v to 5v 6ft
ADB0049	RMPSU 12v to 5v 9ft