

Outpost Power Supplies

Avtec offers several power supply options for the Avtec Outpost.

Depending on the number of Outpost devices in your setup, a specific power supply configuration is recommended.

- OUTPOST-AC-ADAPT – A standard plug-in power adapter for individual use. Use for one Outpost.
- OUTPOST-RACKMT-PKG – A 19-inch 3U rackmounted shelf, a 2U rackmounted power supply (PS-12V-10A-RM), and cabling. Use for 1–4 Outposts.
- PS-12V-3BAY-AC – A 19-inch 1U rackmounted power supply. Use for up to 44 Outposts in a rack or cabinet.

Both rackmounted power supplies have a heavy-duty, low-profile, lightweight design with several protection features such as fuse and overvoltage protection.

PS-12V-10A-RM Features



High-efficiency switching technology specifically filtered for use with communication equipment for all frequencies including HF

Heavy duty, low-profile, lightweight design

EMI filter

Meets FCC Class B

Has current limiting, overvoltage, over-temperature, fold-back, crowbar, and fuse protection features

UL, CUL, CE, and TUV approved

Short circuit and overvoltage protection

Automatic over-temperature shutdown

Output current rated at continuous service

Precision regulation of output voltage

External fuse access

Switchable 120/220V input

PS-12V-10A-RM SPECIFICATIONS

Dimension (width x height x depth): 19 x 3.5 x 9.4 in

Weight: 4.3 lb

Input Voltage (VAC): 115 Volts AC

Output Voltage (VDC): 13.8 Volts DC

Amperage (Continuous) : 7 A

Amperage (Intermittent): 10 A

Ripple Voltage : 5 mV

Protection Features: Current limiting, overvoltage, over-temperature, fold-back, crowbar, and fuse protection

Safety Approvals: UL, CUL, CE, and TUV

PS-12V-3BAY-AC Features



- Heavy duty, low-profile, lightweight design*
- Two power modules*
- Short circuit and overvoltage protection*
- Automatic over-temperature shutdown*
- 1U high, 19 in wide*
- Low-cost solution for distributed power architecture*
- Full array of signals*
- High efficiency*
- Suitable for N+1 redundancy*
- Less heat dissipated in system*
- Easy system monitoring*

PS-12V-3BAY-AC SPECIFICATIONS

Dimensions (width x height x depth): 17.3 x 1.7 x 13.8 in

Weight: 8.16 lb

Number of Power Supply Modules: 2 of the same output voltage rating

Output Power (max): 3000 W

Input Voltage / Frequency Range: 85-265 VAC continuous, 47-63Hz

Maximum Input Current (at 100/200 VAC): 12.0/6.0 Amp for each power supply module installed

Auxiliary Power Supply: 11.2-12.5 VDC

Protection Features: Current limiting, overvoltage, and over-temperature protection

Safety Standards: UL60950-1, EN60950-1, ETS 300 019