DATA SHEET

AgileMax®

AM-PSAC-*-*

Power Supplies

FEATURES

- Powers up to nine 1RU AgileMax units (AM-PSAC-90-R and AM-PSAC-90-S only)
- Eliminates the need for an AC/DC converter in field installations
- Optional power supply redundancy for seamless operation
- Installs easily in standard rack enclosures
- IEC or wall-wart AC input supports common powering sources

CommScope AgileMax 1RU AM-PSAC-*-* series of power supplies are designed for AgileMax installations that do not have access to an HFC power source. The power supplies accept 110/220 VAC power input through a standard IEC connector or wall-wart style AC adapter and output 24 VDC power for up to nine 1RU AgileMax units, which connect directly to the power supply chassis via a power cable included with DC-powered AgileMax units.

AM-PSAC-90-* power supplies are available in two models. The 1RU AM-PSAC-90-R is equipped with nine DC outputs and includes internal redundant power supplies that can power up to nine 1RU AgileMax units. The 1RU AM-PSAC-90-S is equipped with nine DC outputs that can power up to nine individual 1RU AgileMax units. AM-PSAC-90-R and AM-PSAC-90-S power supplies chassis easily fit into AgileMax Pedestal and MDU cabinets or standard EIA 19-inch racks.

AM-PSAC-WW power supplies accept input power through a standard wall-wart style AC adapter to power a single 1RU AgileMax unit. AM-PSAC-WW kits include interchangeable blade adapters that are compatible with European, British, and Australian-style 220 V outlets and North American 110 V outlets.

AM-PSAC-90-R

AM-PSAC-90-R AND AM-PSAC-90-S SPECIFICATIONS

Characteristics	Specification
Physical	
Dimensions	1.66 in H x 19 in W x 9 in D (4.22 cm x 48.26 cm x 22.86 cm)
Weight	< 7 lb (< 3.2 kg)
Connectors	9 DC output connectors
Environmental	
Operating Temperature Range	-40° to 60°C (-40° to 140°F)
Powering	
Operating Input Voltage	90–264 VAC (110/230 VAC typ)
Input Source Frequency	47–63 Hz (50/60 Hz typ) VDC
Input Current @ 110 VAC	1.4 A
Input Current @ 230 VAC	0.7 A
Operating Output Voltage	22–25 VDC (24 VDC typ)
Operating Current (per Connector)	0.6 A
Operating Current (Total)	3.8 A
Output Load Regulation	2% V out
Output Line Regulation	2% V out
Output Ripple and Noise	360 mVp-p
Efficiency (50% to 100% Load)	80%
Hum Modulation	-61 dBc

AM-PSAC-WW SPECIFICATIONS

Characteristics	Specification
Physical	
Weight	< 1 lb (< 0.45 kg)
Environmental	
Operating Temperature Range	0° to 50°C (32° to 122°F)
Powering	
Operating Input Voltage	90–264 VAC (110/230 VAC typ)
Input Source Frequency	47–63 Hz (50/60 Hz typ.) VDC
Input Current @ 115 VAC	0.3 A
Input Current @ 230 VAC	0.15 A
Operating Output Voltage	22–25 VDC (24 VDC typ)
No Load Input Power[1]	0.1 W
Operating Current	0.6 A
Output Load Regulation	5% V out
Output Line Regulation	1% V out
Output Ripple and Noise	250 mVp-p
Efficiency (50% to 100% Load)	80%
Hum Modulation	-61 dBc

NOTE:
1. Meets US DoE Efficiency Level VI Average Efficiency Levels

Specifications are subject to change without notice.

ORDERING INFORMATION

Model Name	Description
AM-PSAC-90-R	1RU power supply chassis with IEC AC connector and nine DC output connectors for redundant powering
AM-PSAC-90-S	1RU power supply chassis with IEC AC connector and nine DC output connectors
AM-PSAC-WW	Wall-wart style AC adapter with one DC output connector and four interchangeable blade adapters

AM-PSAC-WW with Blade Adapters

RELATED PRODUCTS

CHP CORWave® 3 Transmitters	CP8xxxx RFoG ONUs
CHP EDFAs	HT3545 Transmitters
CH3000	Installation Services

Contact Customer Care for product information and sales:

- United States: 866-36-ARRIS
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