

# AgileMax<sup>®</sup>

## 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



AM-PSAC-90-R

### PRODUCT OVERVIEW

ARRIS 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 are capable of powering up to nine 1RU AgileMax units. The 1RU AM-PSAC-90-S is equipped with nine DC outputs that are capable of powering 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 220V outlets and North American 110V outlets.

### SPECIFICATIONS (AM-PSAC-90-R AND AM-PSAC-90-S)

Characteristics	Specifications	
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%	
Operating Temperature	–40 to 60°C	
Hum Modulation	–61 dBc	
Weight	< 7 lbs	
Chassis Dimensions	<b>Inches</b>	<b>Centimeters</b>
Width	19.00	48.26
Height	1.66	4.22
Depth	9.00	22.86

### SPECIFICATIONS (AM-PSAC-WW)

Characteristics	Specifications	
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 <sup>1</sup>	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%	
Operating Temperature	0 to 50°C	
Hum Modulation	–61 dBc	
Weight	< 1 lbs	

<sup>1</sup> Meets US DoE Efficiency Level VI Average Efficiency Levels  
 Specifications are subject to change without notice.

### RELATED PRODUCTS

CHP CORWave® 3 Transmitters	FTTM2000 RFoG ONUs
AgileMax®	FTTM2200 RFoG ONUs
Trans Max® 4100	

**ORDERING INFORMATION**

Order Number	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**

**Note:** Specifications are subject to change without notice.

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