Power Supply Models

AMX offers 5 variations of our Class I, CSA/CE approved, and UL listed system power supplies:

AMX PS/N POWER SUPPLIES		
PSN6.5	**(FG423-41)**	With U.S. power cord.
PS4.4	**(FG423-44)**	Includes U.S. power cord and barrel plug.
PSN4.4	**(FG423-45)**	Includes 2-pin captive-wire connector and U.S. power cord, with 3.5 mm captive-wire connector. **(Discontinued, replaced by PSR4.4)**
PSR4.4	**(FG423-46)**	Includes 2-pin retained captive-wire connector and U.S. power cord, with 3.5 mm captive-wire connector
PS3.0	**(FG423-30)**	Includes U.S. power cord and barrel plug.

NOTE: All models use an input connector sanctioned by the IEC (International Electrotechnical Commission).

PSN6.5 Specifications

FIG. 1 shows the front and rear panels of the PSN 6.5.

Front Panel

Rear Panel

FIG. 1 PSN6.5 POWER SUPPLY

PSN6.5 SPECIFICATIONS	
Dimensions (HWD):	• 1 1/2" x 5 9/16" x 9 1/4" (3.81 cm x 14.10 cm x 23.50 cm)
Weight:	• 2.76 lbs. (1.25 kg) (without power cord)
Input:	• ~100-240 V, 2.6A MAX (1.3A MAX @ 230), 50/60 Hz
Output Voltage:	• 13.5 V ⎓
Output Current:	• 6.5 A (continuous power output is 90 W max)
Ripple and Noise:	• 350 mV peak-to-peak @ 70% load
Protection:	• Over-voltage, over-current, short-circuit, transient and thermal switching regulated, overload protected
Power Indicator:	• Green LED indicates presence of DC on the output.
Connectors:	• Three removable 2-pin 3.5 mm mini-Phoenix connectors
Rear Panel Components:	• Three 12 V ⎓ power supply connectors • Standard IEC (male) jack for the power cord
Input Power Cord:	• 6-foot (1.83 m) IEC cord with a grounded Edison plug for AC input (U.S. only)
Enclosure:	• Metal with black matte finish
Temp Range:	• 32°F - 122°F (0°C - 50°C)
Certification:	• UL: US listed - Class I Power Supply • CSA approved • CE approved • PSE approved • CCC approved
Accessories:	• Single Universal input power cord (64-0009) • 3 removable 2-pin 3.5 mm mini-Phoenix connectors (41-5025) • (Optional) AC-RK Accessory Rack Kit (**FG515**)

NOTE: The PSN6.5 replaces the (obsolete) PSN4.2 and PSN6.3 power supplies.

PS4.4, PSN4.4, and PSR4.4 Specifications

The PS4.4 power supply is identical to the PSN4.4 except that the PSN4.4 has a NetLinx-compatible 2-pin captive wire connector and the PS4.4 has a barrel-plug. The PSR4.4 comes with a NetLinx-compatible 2-pin retained captive wire connector.

Barrel-plug connector (FG423-44)

2-pin retained captive wire connector (FG423-46)

FIG. 2 PS4.4 POWER SUPPLIES (SHOWING DIFFERENCE IN CONNECTORS)

PS4.4, PSN4.4, AND PSR4.4 SPECIFICATIONS	
Dimensions:	• 4 5/8" x 2 1/4" x 1 1/2" (11.7 cm x 5.8 cm x 3.5 cm)
Weight:	• 1.1 lb. (499 g)
Input:	• ~100-240 V, 1.5A MAX (0.6A MAX @ 230), 50/60 Hz
Output Voltage:	• 13.5 V ⎓
Output Current:	• 4.5A MAX
Ripple and Noise:	• 150 mV peak-to-peak @ full load
Protection:	• Over-voltage, over-current, short-circuit, transient and thermal. Switching regulated, overload protected.
Power Indicator:	• Green LED indicates the presence of V ⎓ on the output.
Connectors:	• PS 4.4 - Barrel plug (see *Barrel Plug Dimensions*) • PSR4.4 - 2-pin retained captive wire connector (3.5 mm) • PSN4.4 (discontinued)- Mini 2-pin captive wire connector (3.5 mm)
Input Power Cord:	• 6-foot (1.83 m) IEC cord with a grounded Edison plug for AC input (U.S. only)
Enclosure:	• Molded black matte plastic
Temp Range:	• 32°F - 104°F (0°C - 40°C)
Certification:	• UL: US listed - Class I Power Supply • CSA approved • CE approved • PSE approved
Accessories:	• Single Universal input power cord (64-0009) (Included)
PS4.4 Plug Dimensions:	• 2.1mm ID • 5.5mm OD • 9.5mm length

PS3.0 Specifications

FIG. 3 shows the PS3.0. The PS3.0 is a Class I power supply which is CE approved and UL listed. The PS3.0 uses a barrel-plug connector.

FIG. 3 PS3.0 POWER SUPPLY

PS 3.0 SPECIFICATIONS	
Dimensions (HWD):	• 3 7/8" x 1 3/4" x 1 1/4" (9.8 cm x 4.5 cm x 3.1 cm)
Weight:	• 5.6 oz (150 g) (without power cord)
Input:	• ~100-240 V, 3A MAX, 50/60 Hz
Output Voltage:	• 12 V ⎓
Output Current:	• 3.0 A
Ripple and Noise:	• 200 mV (60Hz Ripple + Switching ripple and noise)
Protection:	• Over-voltage, over-current, short-circuit, transient and thermal switching regulated, overload protected
Power Indicator:	• Green LED indicates presence of DC on the output.
Connectors:	• 1.3mm barrel plug, 11mm long
Input Power Cord:	• 6-foot (1.83 m) IEC power cord terminated with a grounded Edison plug for AC input (U.S. only).
Enclosure:	• Metal with black matte finish
Temp Range:	• Operating temperature: 32°F - 122°F (0°C - 50°C) • Storage temperature: -4°F - 185°F (-20°C - 85°C)
Certification:	• UL: US listed - Class I Power Supply • CUL approved • TUV approved • FCC approved • CE approved • PSE approved
Accessories:	• Single Universal input power cord (64-0009 - Included)