



# SX-AEP-209

## TECHNICAL DESCRIPTION

The SX-AEP-209 shall be a one-rack-space unit in a magnetic shielding steel enclosure. It shall operate from 120 volts AC and have a 10-foot, grounded, 3-wire #12 detachable line cord. There shall be 8 grounded AC receptacles on the back panel and 1 grounded AC receptacles on the front panel with all total 9 switched. Overall dimensions shall be 1.75" H x 19" W x 12.25" D. Weight shall be 12.5 pounds. The unit shall have remote turn-on capabilities enabled by wired Ethernet, serial, and terminal block connections. Remote turn-on and turn-off shall be activated by contact closure or software. It shall have remote control, sequencing, scheduling, measurement, AutoPing, and adjustable trigger functions, and shall support wired RS-232, Ethernet HTTP, HTTPS, SNMPv1, SNMPv3, NTP, mDNS, 802.1x, LDAP and SSH protocols. The unit shall measure voltage, current (per outlet), power (per outlet), energy (per outlet), and temperature, and shall record events in its internal memory. There shall be two relay outputs for control and cascading. The SX-AEP-209 shall have a load rating of 16 amps at 120 volts, a self-test circuit with visual indicator, and provide EMI/RFI filtering, inrush current elimination and catastrophic over/under-voltage shutdown. It shall withstand at least 1000 occurrences of surge pulse voltages up to 6000 volts.

Parameter		SX-AEP-209
AC Load Rating		16A @ 120V
Freq		50/60 Hz
No of Outlets - back		8
No of Outlets - front		1
Measurement Accuracy	Voltage	± 2%
	Current	± 5%
	Power	± 7%
	Energy	± 7%
Timestamp Accuracy		± 1%
Auxiliary Relay Outputs		(2) 3 x screw terminal
Contact Closure Input		(1) 2 x screw terminal
Temperature and Humidity		(1) 4 x screw terminal
Serial Port		RS232 port
Network Port		10/100 Ethernet connection on Female RJ-45, Auto Negotiating with 10/100 network connections with Link and Activity LEDs
		USB RNDIS Device on micro-AB
Weight		12.4 Lbs/5.6Kg
Dimensions (Enclosure)	Height:	1.73"/44mm
	Width:	17.4"/442mm
	Depth:	11.8"/300mm
Temperature Range: 100% Load		0 to 45 °C (32 - 113 °F)
Humidity Range		5% to 95% R.H. Non-condensing
Altitude		0 - 10000ft (0 - 3048meters)
Agency Listings	Safety	Certified to UL 62368-1
		CAN/CSA C22.2 No 62368-1:19, 3rd Ed, 2021-10-22
		WEEE
		RoHS: Compliant
	EMC	Prop 65
		FCC 47 CFR PART 15, SUBPART B (Using ANSI C63.4-2014)
Surge Protection		ICES-003 ISSUE 7
IP protection class		Advanced Series Mode
AC Power System Type		IPX0
Pollution Rating		TN
		Pollution degree (PD) PD 2

