

Pioneers of TIER 2 APS

The Embertec Emberstrip® AV+ Advanced Power Strip (APS) is the highest performing energy saving APS available worldwide. Featuring the Embertec-invented Active Powerdown® and a superior 64k microprocessor, the Emberstrip® 8AV+ delivers class leading reliability and performance with proven customer satisfaction.



Classic Sensor

Tested on humans

Your customers don't live in laboratories, so why test Tier 2 APS in one?

Embertec® has the only Tier 2 APS independently field trialled by utilities. Our energy saving claims are proven in the only place they should be - in real homes and businesses. Our products easily meet the highest international standards.

Guaranteed surge protection

The Emberstrip® 8AV+ has surge protection rated to a verified 1,974 Joules and 45,000 Amps.

Embertec® warrants all surge claims for any equipment connected directly through the Emberstrip® 8AV+.



Easy to install

- Designed for a fast, no-fuss home installation into TV/Audio Visual environments
- Works with all types of AV equipment

Core energy saving and product retention features

- A 64K advanced microprocessor that delivers superior control and high capacity analytics
- IR shielding (both hardware and software) technology protects from stray CFL and sunlight IR
- Power monitoring circuit, sensing True RMS Power across all controlled outlets (via current and voltage sensing) for reliable control
- Works and adjusts to all AV equipment types automatically
- Adjustable Active Powerdown® timer control in three lifestyle settings
- Six controllable device outlets and two Always On outlets
- Dimmable LED for bedroom environments to avoid disturbance

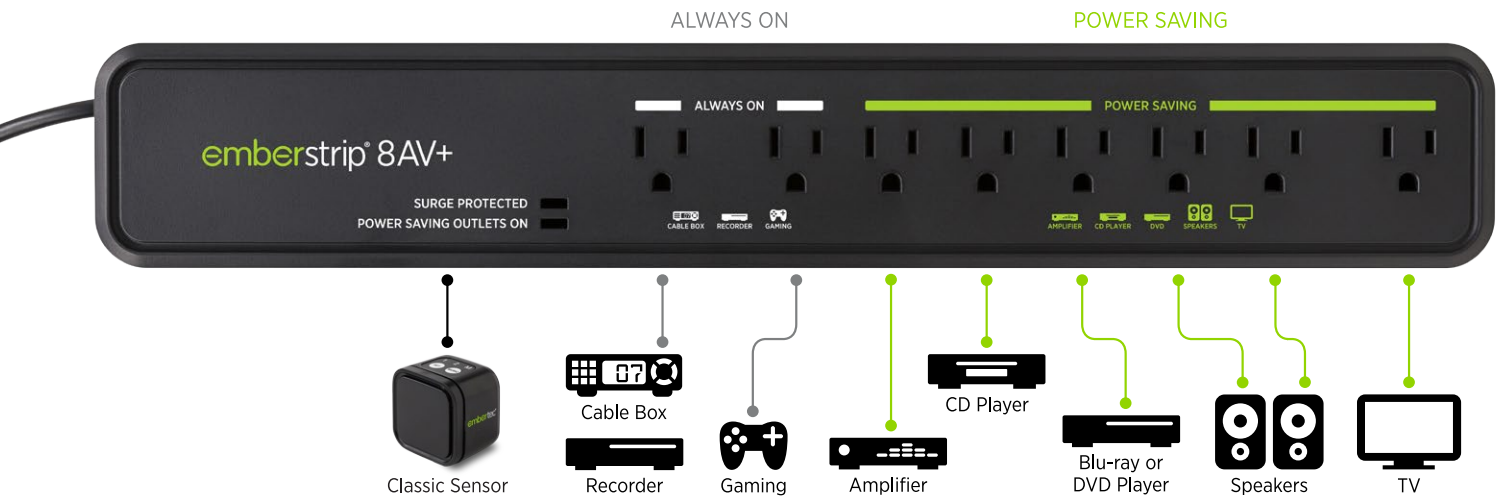
Lifetime Protection Warranty

This product has a lifetime warranty. If it fails in normal use during its lifetime we will replace it. Embertec® provides a \$25,000 connected equipment warranty for all appliances connected directly to the Emberstrip® 8AV+.

Electrical specifications

Physical	
Dimensions:	16.5 in L x 2.72 in W x 1.57 in D (420 mm L x 69 mm W x 40 mm D)
Weight:	1.78 lb (810 g)
Color:	Black body
Classic Sensor Cable Length:	9.8 ft (3 m)
Power Cord Length:	4 ft (1.22 m) with angled plug
Number of Outlets: 8	Always On: 2 Power Saver: 6
Environmental	
Temperature (operating):	32 °F to +158 °F (0 °C to +70 °C)
Temperature (storage):	-4 °F to +185 °F (-20 °C to +85 °C)
Humidity (operating):	95% RH at +122 °F (+50 °C)
Protection and Safety	
Surge Compliance:	UL 1449
Powerstrip Safety:	Underwriters Laboratories Tested and Listed to UL 1449 and UL 1363
Total Surge:	1,974 Joules / 45,000 Amps for all outlets
Input Current:	15 Amps RMS via circuit breaker
Over-Current Threshold:	15 Amps RMS
Electrical Durability	
Relay Endurance:	Over 100,000 switching cycles at 15 Amps
Operating Voltage:	110 V AC +/- 10%
Maximum Output Current:	15 Amps RMS
Max Total Load:	1,800 W
Life Span:	> 20 years
Maximum Power Consumption (In all modes of operation)	< 1 W @ 110 V / 60 Hz
Control	
Classic Sensor Infrared Interface. Visual indicator which verifies the APS is active and functioning. Does not rely on the use of a single device in an AV environment to supply power to other devices. Resettable circuit breaker.	

Connection diagram



embertec®

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