

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+ with Bluetooth® delivers class leading reliability, with proven customer satisfaction and an industry first Measurement and Verification (M&V) feature for utilities and implementers.



Connect from anywhere

Embertec's Bluetooth® APS, incorporates an industry standard Bluetooth® Low Energy radio within the Embertec APS IR sensor enabling complete control of one or more Embertec APS devices directly from the home owners Apple iOS or Android smartphone or tablet.

Track your energy efficiency programs

- Track all your installations
- Verify energy savings
- Prove retention

All at the push of a button to meet current and future program metering requirements. Contact us to learn more.

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
- Instantly set the Embertec Active Powerdown® timer to 1 or 2 hours, or switch on Music Mode (8 hours)
- 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
- Easily adjust the brightness of the LED warning light for bedroom settings promoting device retention
- Adjustable Active Powerdown® timer control in three lifestyle settings
- Instantly and easily monitor power consumption for all devices connected to the Power Saving outlets
- Turn ON and OFF power to the Power Saving outlets
- Receive warnings, tips and energy saving suggestions directly from their energy retailer to their phone

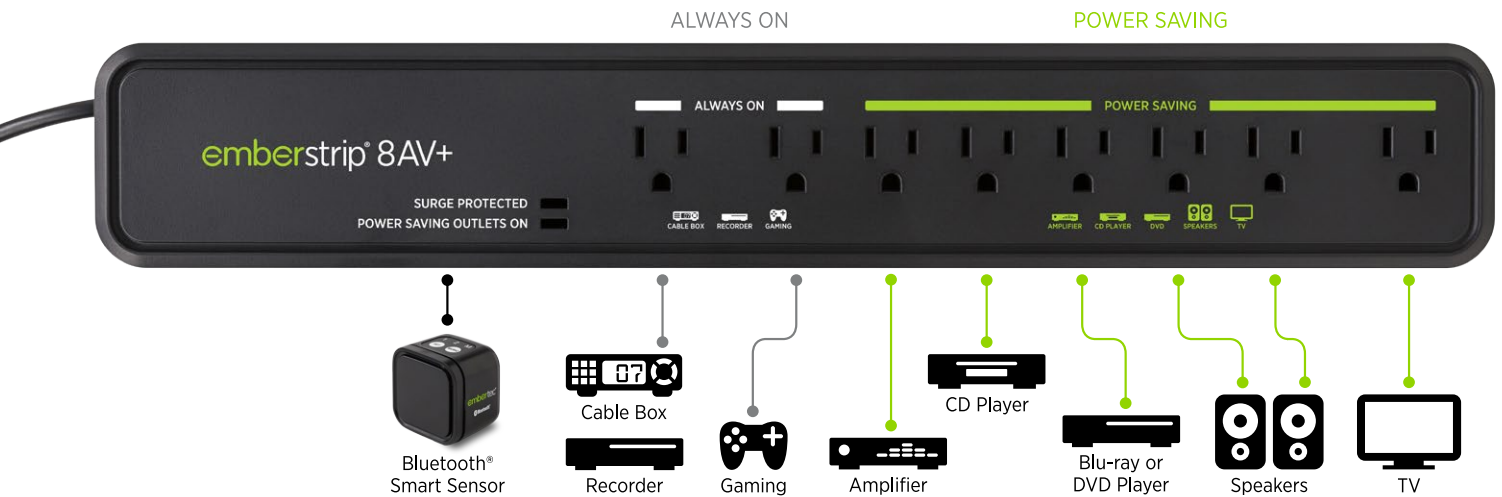
Lifetime Protection Warranty

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 lbs (810 g)
Color:	Black body
Bluetooth® Smart 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	
<p>Bluetooth® Smart Sensor Infrared Interface.</p> <p>Visual indicator which verifies the APS is active and functioning.</p> <p>Does not rely on the use of a single device in an AV environment to supply power to other devices.</p> <p>Resettable circuit breaker.</p>	

Connection diagram



Control with your smartphone or tablet



Once the free iOS or Android app is downloaded and installed on the users' smartphone or tablet, the user has the ability to connect to one or more Embertec APS devices within the home.



Bluetooth® and the Bluetooth logo are trademarks owned by the Bluetooth SIG, Inc.

embertec®

176 Seacliff Drive Aptos, CA 95003, USA
Phone: 1-800-838-9659 **Web:** embertec.com

