

# Emberstrip® 8AV+

ESUSAV8-ET-10B

embertec®

## 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 1,530 Joules and 39,000 AMPS.

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

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## 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)
- 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 sockets
- Turn ON and OFF power to the Power Saving sockets
- 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 \$20,000 connected equipment warranty for all appliances connected directly to the Emberstrip® 8AV+.

## Electrical specifications

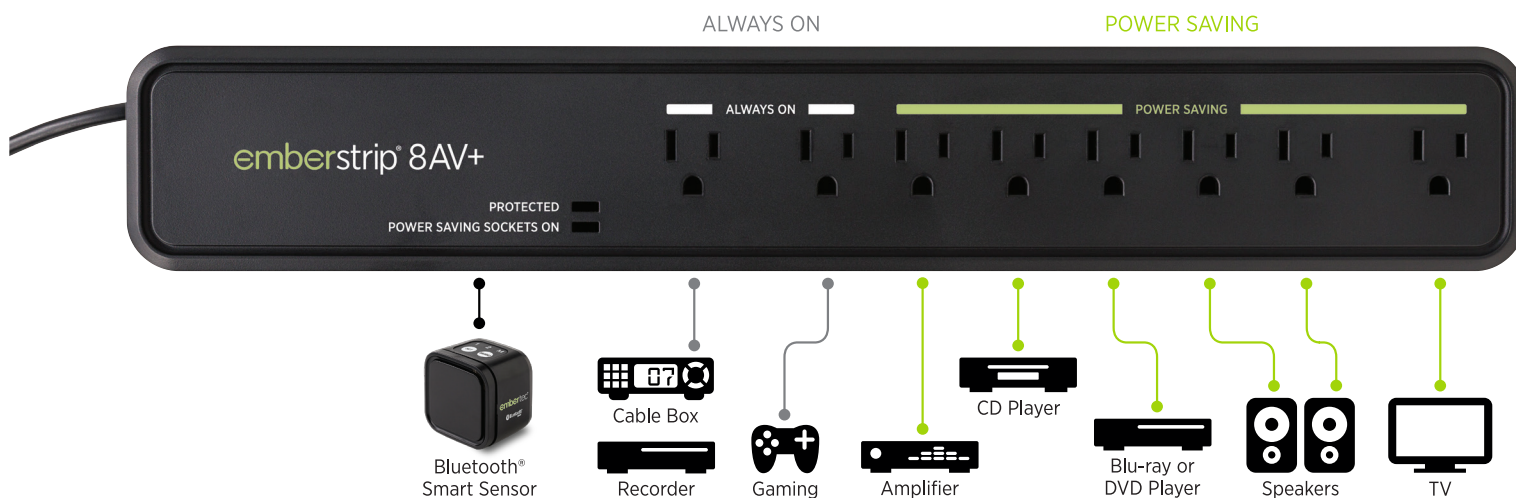
Physical	
Dimensions:	16.5 in L x 2.72 in W x 1.57 in D (420 mm L x 69 mm W x 40 mm D)
Weight:	1.78 lbs (810 g)
Color:	Black body
Bluetooth® Smart Sensor Cable Length:	9.8 ft (3 m)
Power Cord Length:	4 ft (1.22 m)
Number of Outlets: 8	Always On: 2 Power Saver: 6
Environmental	
Temperature (operating):	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:	1,530 Joules / 39,000 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
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	
Bluetooth® Smart 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.	

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## 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.



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