

Apple TV 12V DC Power Conversion

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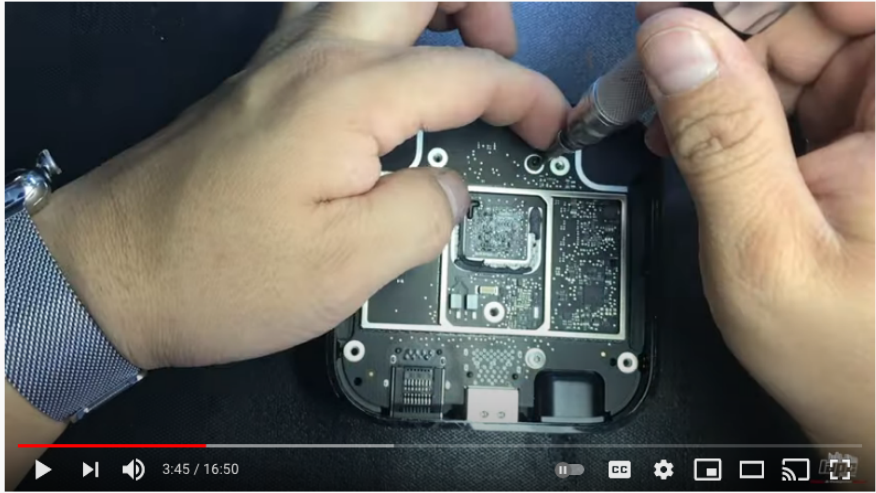
Power Consumption

The power consumption of the Apple TV 4th generation.

Activity	Power	12v Current $P=IV$, $I=P/V$
Sleep mode (default settings)	1.5W	$I=1.5/12 = 0.125A$
Idle at menu	2.0W	0.17 A
Streaming Netflix (1080p)	~2.4W	0.20 A

Teardown









Wiring



References

Reference	URL
Video	https://www.youtube.com/watch?v=VurCZuY-iPQ