



Product Environmental Report

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Made with better materials

80%

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100%

— c e d in in
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Energy efficient

79%

— e a g con ura d n
— ENERGY S R a g
— f fi a n c e qui r a n



Tackling climate change

100%

W e commi d o n i oning ou n i
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— a w b e e c i c i b 2 3 .

Smarter chemistry¹

- e cu -f e
- o min e d f r a e d n -f e
- C-f e
- e ium-f e

Responsible packaging

100%

of e wood fib
com f om e c e d
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ou c

90%

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ou wo k e i min e
s ic in, ck ging

Apple Trade In

R u n ou d ic ou g
— s e — d In nd w '
— c e i fo f e .

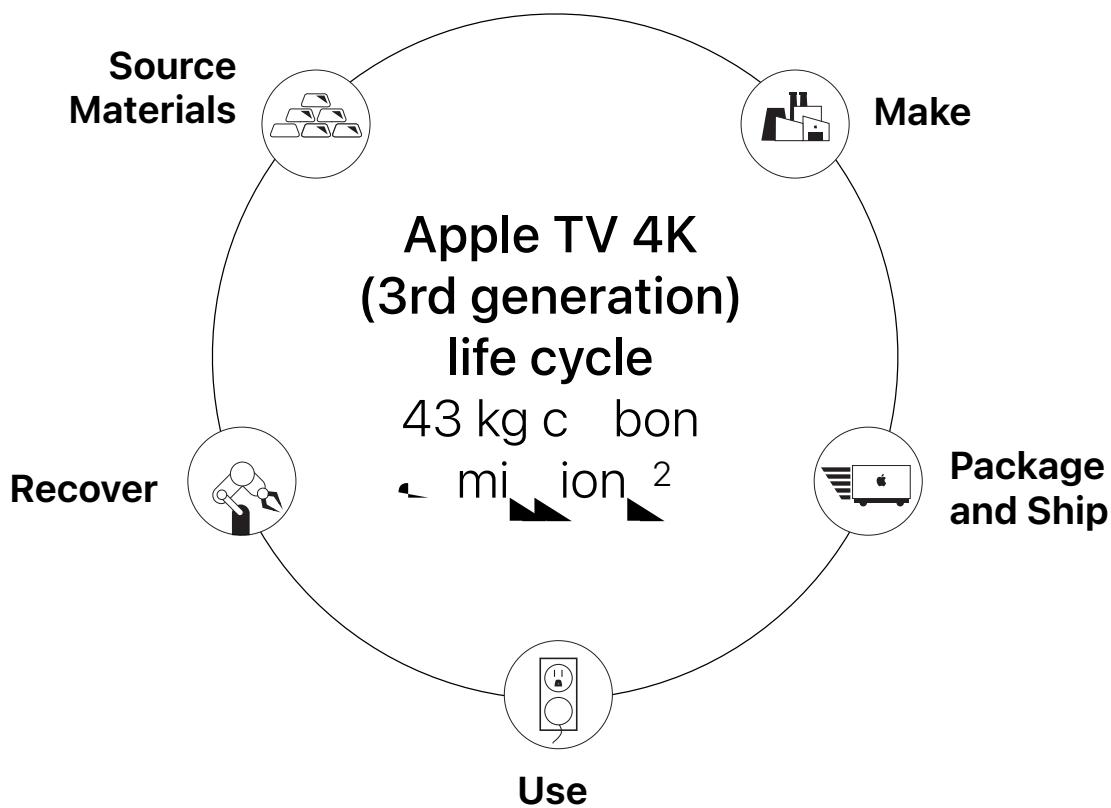
Now with recycled gold—a first for Apple TV 4K



Taking responsibility for our products at every stage

We take responsibility for our products throughout their lifecycle—including the materials we use, the way we make them, how we package and ship them, and how we focus on recovering them. We work on making big, difficult changes to our products, reducing our impact on climate change, and improving our products.

We sell millions of products. So making even small adjustments can have a meaningful impact.



Carbon footprint

We continue to work on reducing our carbon footprint—by focusing on making our products more efficient, using renewable energy, and working with our suppliers to reduce their carbon footprint. We also focus on recovering our products at the end of their life cycle. The carbon footprint of an Apple TV 4K (3rd generation) is 43 kg carbon emissions per million units². This includes the carbon footprint of the product, packaging, and shipping. The carbon footprint of the product is 37 kg carbon emissions per million units³. The carbon footprint of packaging and shipping is 6 kg carbon emissions per million units³.

Apple TV 4K (3rd generation) life cycle carbon emissions

- 0.2 Production
- 1.1 Distribution
- 37 Use
- 1.1 End-of-life recycling

Source Materials



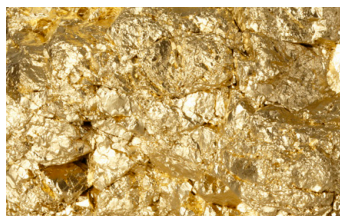
— 4 8 dg a ion) wi Si i R ma con in c e d uminum god, ic nd in.

o con e im o n e ou c w wok o duc e m e i w u nd im o o d ou c on e c e d o e a w l e m e i in ou, oduc nd w m k i n i on w e m in commi d o e e on il e ou cing of, im m e i . W m, m n m e i o m o e mia ou c nd b i e i e nd d fo r e nd e fia — 4 e qui 1 e c n of id n i fi d in n um ung e n god cob nd i um r e nd e fia o, i c i e in i d, u di . 4 W e, oud o b e cogni d wo dwid e d in e e on il e ou cing of mia in ou, oduc . u, oduc d ign o con id e f of o e w o m k u nd e c e o, oduc e ic ing e u of und d of mfu ub nc . u nd d gob ond w ' e qui d b w o, e c e e nd e e n i on r a n .



Aluminum

— 4 8 dg a ion) / e m mod e con in 8 e c n e c e d uminum nd e e n c o u of Si i R ma con in 1 e c n c i fi d e c e d uminum.



Gold

— 4 8 dg a ion) / e m mod e con in 1 e c n e c e d god.



Plastic

W e n i ioning f om fo i fu b e d, i c o o m d f om e a w l e o e c e d ou c . o — 4 8 dg a ion) wi Si i R ma n i a, i c com o a n con in 3 e c n o m e c e d cor n .



Tin

— 4 8 dg a ion) / e m mod e con in 1 e c n e c e d in.



Smarter chemistry

— 4 8 dg a ion) i f e of mfu ub nc ik b ium b o m i n e d f r a e d n C, e nd r a cu 1 nd 1 e c n of e m e i in — 4 8 dg a ion) e c e d b ou R gu e d Sub nc S e cific ion.



Make

Apple's Supplier Code of Conduct is designed to ensure the production of our products is done in a way that respects the environment and the well-being of our employees and the communities in which we operate.

We work with our suppliers to identify and work to reduce the environmental impact of our products. Our suppliers are required to follow the principles of the Code of Conduct, which includes the use of green energy, the reduction of greenhouse gas emissions, and the use of recycled materials.

Greener chemicals

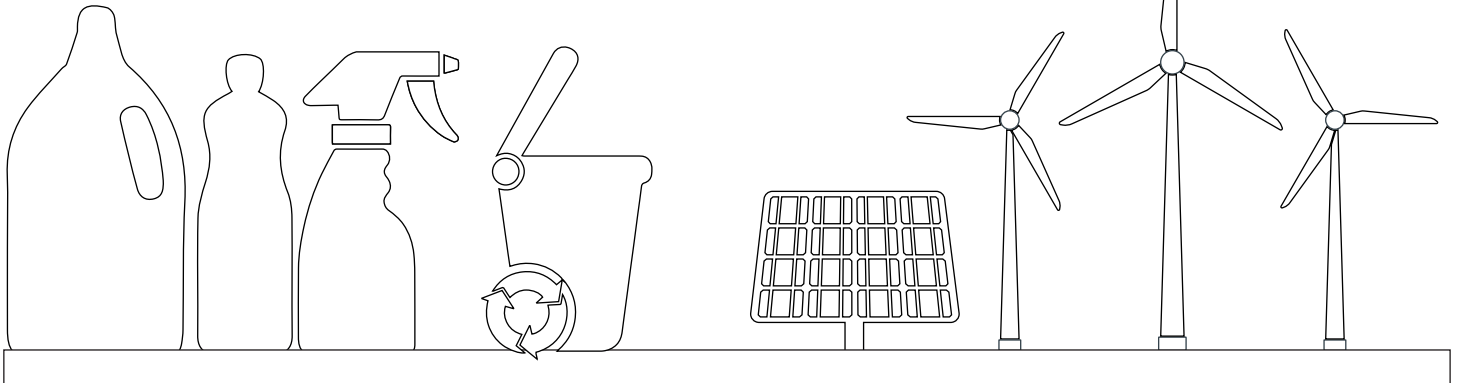
Apple is committed to reducing the use of hazardous chemicals in our products. We are working with our suppliers to identify and eliminate hazardous chemicals from our supply chain.

Zero Waste to Landfill

Apple is committed to reducing the amount of waste sent to landfill. We are working with our suppliers to identify and eliminate waste from our supply chain.

Supplier energy use

Apple is committed to reducing the energy use of our suppliers. We are working with our suppliers to identify and reduce energy use in their operations.





Package and Ship

Apple TV 4K (3rd generation) packaging does not use any plastic with the exception of the outer cardboard sleeve. The sleeve is made from 100% recycled cardboard.

Apple TV 4K (3rd generation) packaging is made from 100% recycled cardboard. The sleeve is made from 100% recycled cardboard. The sleeve is made from 100% recycled cardboard.

90%

of the weight of the packaging is made from recycled cardboard.

39%

of the weight of the packaging is made from recycled cardboard.

100%

of the weight of the packaging is made from recycled cardboard.





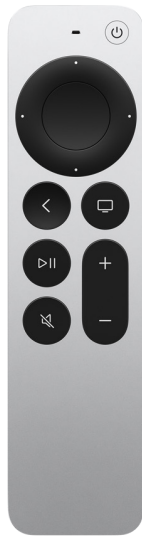
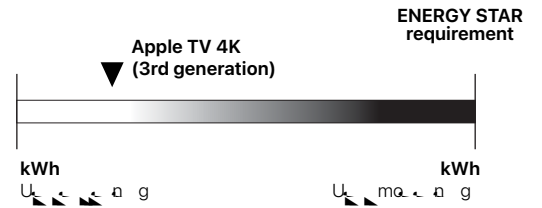
Use

Apple TV 4K (3rd generation) uses 70% less energy than the previous generation. This is due to the use of ENERGY STAR.11

When you use your Apple TV 4K (3rd generation), you're using a product that's designed to last. It's made with smarter chemistry, so it can last longer. And it's designed to be easy to use, so you can get the most out of it. That's why it's one of the most popular products in the world.

Energy consumption of ENERGY STAR-rated products

Apple TV 4K (3rd generation) is an ENERGY STAR-rated product, which means it's designed to be energy efficient. It uses 70% less energy than the previous generation. This is due to the use of ENERGY STAR.11



Designed to last

Apple TV 4K (3rd generation) is designed to last. It's made with smarter chemistry, so it can last longer. And it's designed to be easy to use, so you can get the most out of it. That's why it's one of the most popular products in the world.

Made with smarter chemistry

Apple TV 4K (3rd generation) is made with smarter chemistry. It's designed to be energy efficient, so it can last longer. And it's designed to be easy to use, so you can get the most out of it. That's why it's one of the most popular products in the world.



Recover

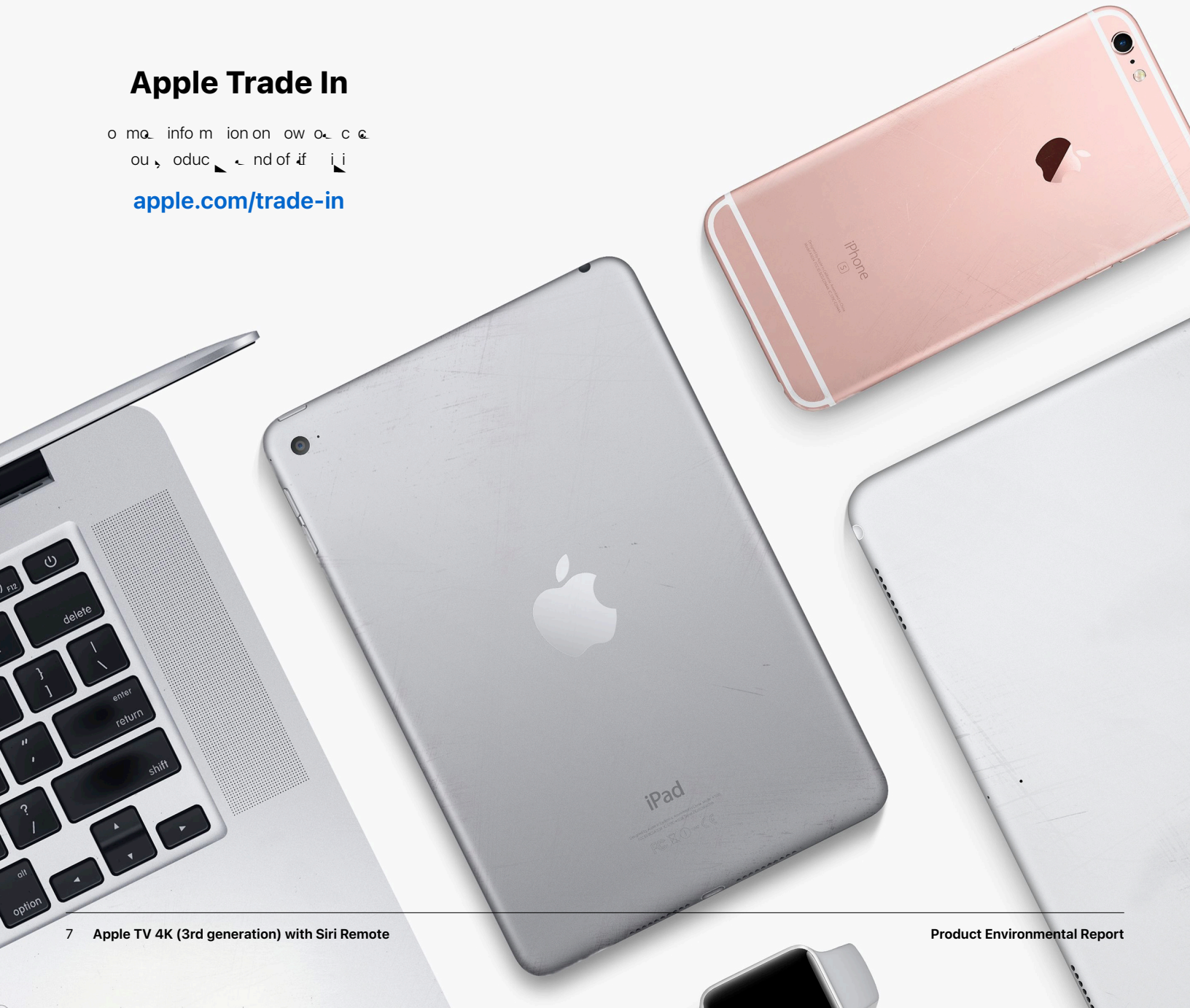
Run our product recovery and innovation efforts.

We're developing new ways to recover and reuse materials from our products. We're also working on new ways to recover and reuse materials from our products. We're also working on new ways to recover and reuse materials from our products.

Apple Trade In

Learn more information on how we can help you recover your old devices.

apple.com/trade-in



Definitions

Bio-based plastics: io-b e d s ic e m d f om bio gic ou c e n f om fo i-fu ou c io-b e d s ic ow u o e duc e i nc on fo i fu

d i b e d in o ou g e fo ming c i i i k mo j nd mu ic, b ck. G og s ic d i f e nc in e s ow g id mi e b e n ccour e d fo e gion e e .

Carbon footprint: E im e d m i ion e c cu e d in cco d nc wi guid ia nd e qui ra n e c i f i d b IS 14 4 nd IS 14 44. e e i in e n unc in in mod ing c bor e m i ion du s im i o d i m i ion o e q con s on n con ibu o a s s e ' c bor e m i ion s s e d d e i unc in b d e q ing d i d s oc b e d n i on r a n mod wi s s e e c i f i c s r a e o e e m in ing e r a n o f s s e ' c bonfoo s in w e on indu e g d nd um i ion. C cu ion in c ud e m i ion fo e fo owing if c e s e con ibu ing o Gob W ming a n i GW 1 e) in C e qui e nc f co e e)

End-of-life processing: Incud n e o ion f om c a c ion ub a c c ing c r e nd e e a g u d in r a c nic s s ion nd e dding of, o m a info m ion on e c bonfoo s in i i s s e . com/ni on r a n / n w

Recycled materials: R c c ing m k b e u e of fini e ou c b ou c ing f om e c a e d e n m i a d m e i . R c e d cor n c im fo m e i u e d in ou s oduc e b e n e i f i d b n ind e nd n i d s o e c e d cor n nd d confo m o IS 14 21.

Renewable materials: W d fia bio-m e i o e c n b e g a e d in um n if s n ik s e fib o u g c a . io-m e i c n e s u u e f w fini e ou c . u e n ou g bio-m e i e e b i i a e g ow e e no w m n g d e on ib . R a w l a m e i e n e of bio-m e i m n g d in w e n l a con in ou s oduc ion wi ou d s e ing e e ' e ou c e ' w w focu on ou c e c i f i d fo e i m n g r a n s c i c .

Supplier Clean Energy Program: Sinc e e e c ici u d o m k ou s oduc i e g con ibu o o ou a c bonfoo s in w l e s ing ou u s d i b cor e m a e a g e f f i a i n nd n i ion o a w e a w l a e a g ou c . W l e comm i d o n i ioning ou e n i m nuf c u ing u s c in o 1 e c n e a w l e e c i c i b 2 3 .

Production: Incud e e c ion s oduc ion nd n e o ion of w m e i w e m nuf c u e n e o nd e mb of s nd s oduc s ck ging.

Transport: Incud i nd e n e o ion of e fini e d s oduc nd i o c i e d s ck ging f om m nuf c u ing i a e gion di ibu ion ub e n e o of s oduc f om di ibu ion ub a nd cu ora i mod e du ing e g di nc b e d on e gion g og s .

Use: s s e um e e -o fou e e iod fo s ow u e b fi owa b e d on e s oduc e . oduc u e c n io e b e d on i o i c cu ora u e d fo im i s oduc . E a g u e i imu e d in iou w fo e m e b mod ing

Endnotes

¹ s s e ' R g u e d Sub nc S e c i f i c ion d e i b s s e ' e ic ion on e u e of e in e m ic ub nc in m e i i n s s e s oduc c c o u j m nuf c u ing, o c e nd s ck ging u d fo i s ing, oduc o s s e ' e nd-cu ora . R ic ion e d i k d f om i r a n ion w o d e k e gu o g n a i e co- b e qui ra n e n i on r a n nd d nd s s e s o i a i . E e s s e s oduc i f e of . C nd s e e c s fo C, ow co d in lndi i nd fo 2 s ong. C, ow co d) nd Sou s a w e e w con inu o e k g a e n r a n s s o fo ou . C nd s e e s c r a n s s e s oduc com wi e Eu a e n Union D e c k 2 11 /EU nd i r a nd r a n including e m i ion fo e u e of d uc i g e m e u o d . s s e i wo king o s e ou e u e of e e e m e d ub nc fo a w s oduc w e e c nic s o i l a .

² G e n ou g e m i ion w e c cu e du ing if c e e r a n r a o do og in cco d nc wi IS 14 4 nd 14 44 nd d nd b e d o a s s e - 4 e d g a ion) nd d configu ion wi e 4G o g . W of n u d e ou c bonmod a e g a w info m ion e u ou e im e fo e c bonfoo s in of e s e iou g a ion s s e - 4 wi Si i R m a e nd g a ion) wi e 4G o g configu ion- d a e d f om e 2 kg C 2 e ub i e d in i oduc E n i on r a n R s o) o e 1 kg C 2 .

Carbon footprint		
	Apple TV 4K (3rd generation) with Siri Remote	Apple TV 4K (2nd generation) with Siri Remote
e 4G	43 kg C e	e 1 kg C e
128G	4 e kg C e	N/

Endnotes

3. See 4 (2nd generation) 4G Wi-Fi max throughput on the mobile network and the network. See 4 (2nd generation) Wi-Fi max throughput on the network. See 4 (2nd generation) Wi-Fi max throughput on the network.
4. Maximum in-use, continuous, upper limit of the maximum power consumption (MPP) of the device in use. The maximum power consumption (MPP) of the device in use is the maximum power consumption (MPP) of the device in use. The maximum power consumption (MPP) of the device in use is the maximum power consumption (MPP) of the device in use.
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Power consumption for Apple TV 4K (3rd generation) with Siri Remote			
Mode	100V	115V	230V
See /N work stand	.48W	.49W	.50W
Streaming 4K	2.3W	2.3W	2.3W
Streaming 4K HDR	2.3W	2.31W	2.4W
Power Supply Efficiency	88.1	88.3	87.8

12. The maximum power consumption (MPP) of the device in use is the maximum power consumption (MPP) of the device in use. The maximum power consumption (MPP) of the device in use is the maximum power consumption (MPP) of the device in use.

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