



Product Environmental Report

— 4 8 d g n ion) wi Si i R ma

D. in oduc d
c ob 18 2 22

Made with better materials

80%

— c e d u minum
in — 4
8 d g n ion)
— m modu

100%

— c e d in in
od of mu i e s i r d
ci cui bo d

Energy efficient

79%

— e a g con u r a d n
— ENERGY S R a g
— f f i a n c e q u i r a n



Tackling climate change

100%

W e commi d o n i o n i n g o u r n i
m n u f c u i n g u c i n o 1 e c n
— a w b e e c i c i b 2 3 .

Smarter chemistry¹

- e c u - f e e
- o m i n e d f r a e d n - f e e
- C - f e e
- e i u m - f e e

Responsible packaging

100%

of e wood fib
com f om e c e d
nd e on i a
ou c

90%

o ma of e
s ck g i n g i
fib - b e d d u o
ou wo k e i m i n e
s i c i n s ck g i n g

Apple Trade In

R u n o u d i c o u g
— s e — d I n n d w '
— c e i f o f e .

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

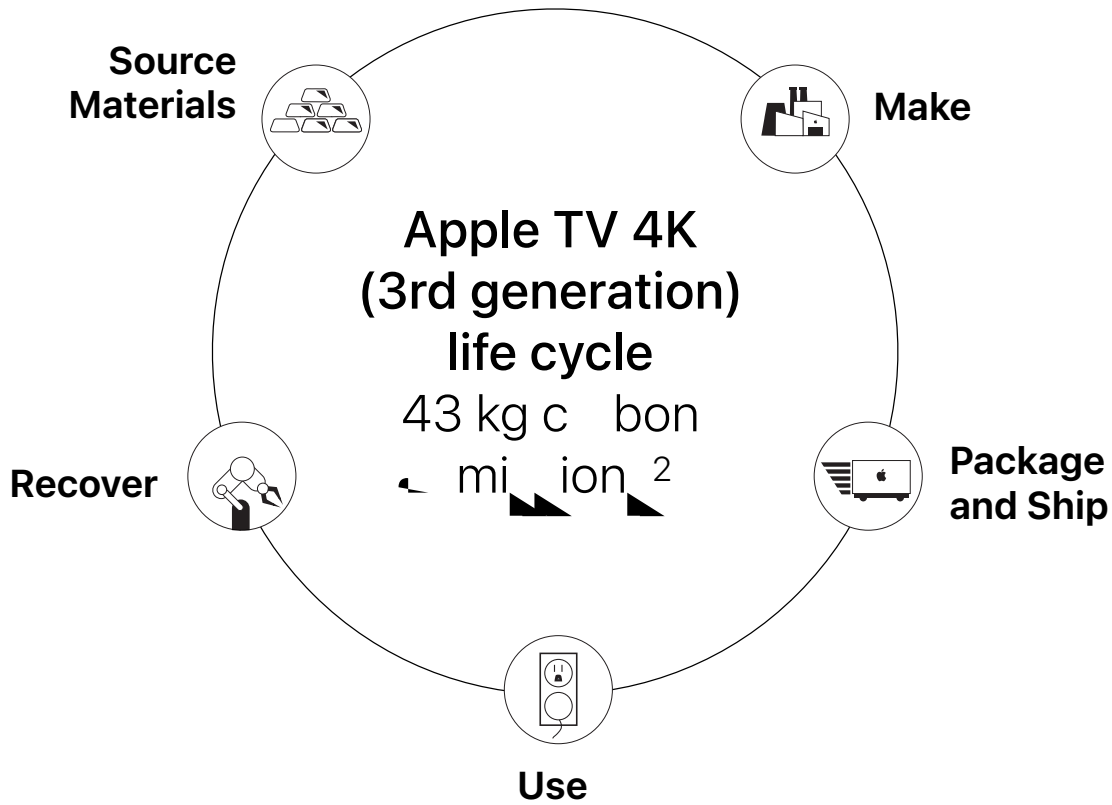
— j e s o i n c u d d c u e n of, oduc unc . oduc u ion — b d on U.S. configu ion of — 4 8 d g n ion) wi Si i R ma .



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 and services.

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



Carbon footprint

We continue to make progress in 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. Our carbon footprint for the Apple TV 4K (3rd generation) is 43 kg carbon emissions per million units². This is a 23% reduction from the previous generation, primarily due to the use of more efficient components and the use of renewable energy in our manufacturing process.

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



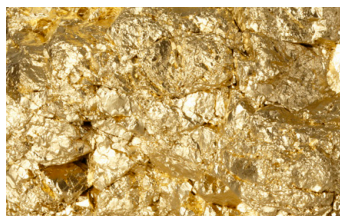
— 4 8 dg a ion) wi Si i R ma con in c e d uminum god, ic nd in.

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 u, 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 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.



Plastic

W e n i n i oning 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 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.



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 suppliers' employees and the communities in which they live and work.

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 are based on the United Nations Global Compact and the International Labour Organization's Declaration on Fundamental Principles and Rights at Work.

Greener chemicals

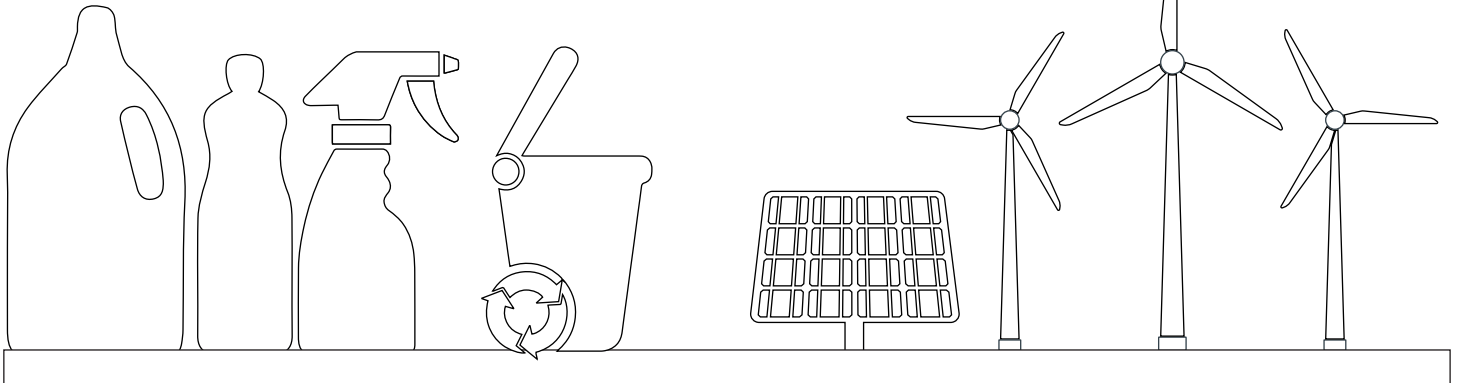
Apple is committed to reducing the use of hazardous chemicals in our products. We are working with our suppliers to identify and eliminate hazardous chemicals from our products. We are also working to reduce the use of hazardous chemicals in our manufacturing processes.

Zero Waste to Landfill

Apple is committed to reducing the amount of waste that goes to landfill. We are working with our suppliers to identify and eliminate waste from our products. We are also working to reduce the amount of waste that goes to landfill in our manufacturing processes.

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 manufacturing processes. We are also working to reduce the energy use of our suppliers' facilities.





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.





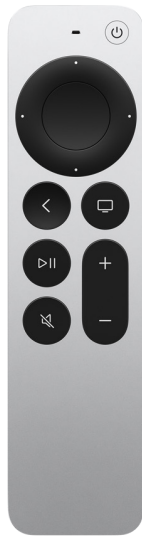
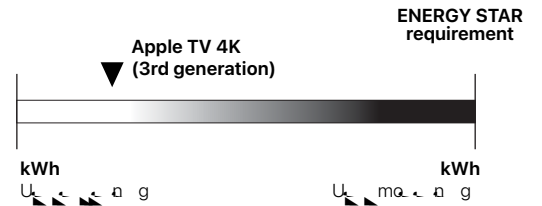
Use

Apple TV 4K (3rd generation) uses 70% less energy than the previous generation. It's designed to last.

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Energy consumption of ENERGY STAR-rated products

Apple TV 4K (3rd generation) uses 70% less energy than the previous generation. It's designed to last. Apple TV 4K (3rd generation) uses 70% less energy than the previous generation. It's designed to last.



Designed to last

Apple TV 4K (3rd generation) is designed to last. It's built with high-quality materials and is designed to last.

Made with smarter chemistry

Apple TV 4K (3rd generation) is made with smarter chemistry. It's built with high-quality materials and is designed to last.



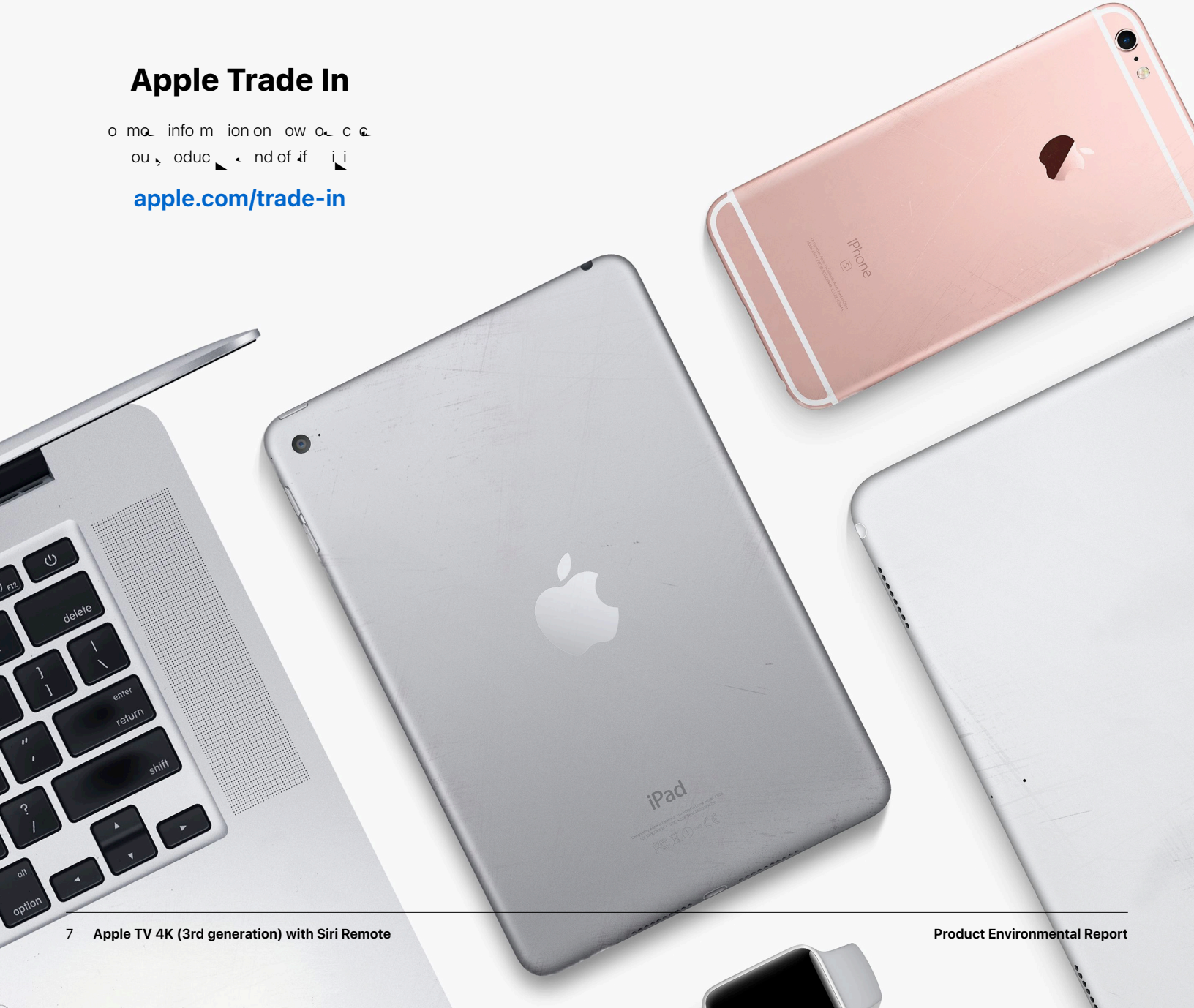
Recover

Run our product with... and in new... for...

We... product... from... 'w...
 und... d... In-i off... cu... or... m... w... o... u... i... o... d... i... c... n... d...
 cc... oi... e... .E... g... i... d... i... c... n... b... e... d... d... i... n... f... o... e... d... i... o... n... .S... e... G... i... f... C... d...
 w... i... c... c... oi... n... d... o... e... d... i... c... n... b... e... c... e... d... f... o... .¹²W... o... o... f... f... n... d... ,... i... c... i... e...
 i... n... ,... o... d... u... c... t... k... -... b... c... k... n... d... c... i... n... g... c... a... c... i... o... n... ,... o... g... m... f... o... .
 W... e... c... o... n... o... f... e... c... o... u... n... c... i... l... w... e...
 w... e... ,... o... d... u... c... t... -... n... d... w... o... d... o... u... c... e... o... i... g... n... d... d... u... e... f... f... o... o... k... ,... m... f... u...
 ,... u... b... n... c... o... u... o... f... o... u... ,... o... d... u... c... t... o... r... m... n... o... u... m... e... i... e... d... f... o... e... c... o... n... d... e... u... .

Apple Trade In

o... m... a... i... n... f... o... m... i... o... n... o... n... h... o... w... o... u... c... o... u...
 o... u... ,... o... d... u... c... t... -... n... d... o... f... i...
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 o n 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 o n du s im i o d i m i o n o e q con s on n con ibu o a s s e ' c bor e m i o n 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 e o f s s e ' c bonfoo s in w e on indu e g d nd um i o n C cu i o n incud e m i o n 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)

→ **End-of-life processing:** Incud n e o ion f om c a c i o n ub a c c i n g c r e nd e e a g u d in r a c n i c s s i o n nd e d d i n g o f s o m a i n f o m i o n o n e c bonfoo s in i i s s e .com/ n i on r a n / n w

Recycled materials: R c c i n g m k b e u e of fini e ou c b ou c i n g f o m e c a e d e n m i a d m e i R c e d c o r n c i m f o m e i u e d in o u s o d u c e b e n e i f i d b n i n d e n d n i d s o e c e d c o r n nd d confo m o i s 14 21.

Renewable materials: W d fia bio-m e i o e c n b e g a e d i n u m n i f s n i k s e fib o u g c a . i o-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 o e g o w e e n o w m n g d e on i b . R a w l a m e i e n e of bio-m e i m n g d i n w e n l a con in u o u s o d u c i o n w i o u d s e i n g e e ' e ou c e ' w w f o c u s o n o u c e c i f i d f o e i m n g r a n s c i c

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

- **Production:** Incud e e c i o n s o d u c i o n nd n e o i o n of w m e i w e m n u f c u e n e o nd e m b of s nd s o d u c s c k i n g .
- **Transport:** Incud i n d e n e o i o n of e fini e d s o d u c nd i o c i e d s c k i n g f o m m n u f c u i n g i o e g i o n d i i b u i o n u b . n e o of s o d u c f o m d i i b u i o n u b e nd c u o r a i m o d e d u i n g e g d i n c b e d o n e g i o n g o g s .
- **Use:** s s e u m e e - o f o u e e i o d f o s o w u e b f i o w a b e d o n e s o d u c e . o d u c u e c n i o e b e d o n i o i c c u o r a u e d f o i m i s o d u c . E a g u e i i m u e d i n i o u w f o e m e b m o d i n g

Endnotes

¹ s s e ' R g u e d Sub n c S e c i f i c i o n d e i b s s e ' e i c i o n o n e u e of e i n e m i c u b n c in m e i i n s s e s o d u c c c o u j m n u f c u i n g s o c e n d s c k i n g u d f o i s i n g s o d u c o s s e ' e nd-cu o r a . R i c i o n e d i k d f o m i r a n i o n w o d e c k e g u o g n a i e co- b e qui r a n e n i o n r a n nd d nd s s e s o i a i . E e s s e s o d u c i f e e of C nd s e e c s f o C s o w c o d i n I n d i i n d f o 2 s o n g C s o w c o d) nd Sou s a w e e w con in u o e k g a e n r a n s s o f o o u C nd s e e s c r a n s s e s o d u c com wi e Eu a e n U n i o n D e c i k 2 11 / E U n d i r a n d r a n i n c u d i n g e m i o n f o e u o k d u c i g e m e u o d . s s e i w o k i n g o s e o u e u e of e e e m e d u b n c f o a w s o d u c w e e c n i c s o i l a .

² G e n o u g e m i o n w e c c u e d u i n g i f c e e r a n r a o d o o g in c c o d n c w i IS 14 4 nd 14 44 nd d nd b e d o n s s e - 4 e d g a i o n) nd d c o n f i g u i o n w i e 4 G o g . W o f n u d e o u c b o n m o d a e e g a w i n f o m i o n e u o u e i m e f o e c b o n f o o s in of e s e i o u g a i o n s s e - 4 w i S i r m a e n d g a i o n) w i e 4 G o g c o n f i g u i o n - d a e d f o m e 2 k g C 2 e u b i e d i n i o d u c E n i o n r a n R s o) o e 1 k g C 2 .

Carbon footprint		
	Apple TV 4K (3rd generation) with Siri Remote	Apple TV 4K (2nd generation) with Siri Remote
e4G	43 kg C e	e1 kg C e
128G	4e kg C e	N/

Endnotes

3. ... - 4 (2nd generation) Apple TV 4K with Siri Remote with updated configuration and model number and identification. ... (2nd generation) Apple TV 4K with Siri Remote and configuration with Apple TV 4K configuration, including ...
4. ... in the United States. ...
5. ...
6. ...
7. ...
8. ...
9. ...
10. ...
11. ...

Power consumption for Apple TV 4K (3rd generation) with Siri Remote			
Mode	100V	115V	230V
... / ...	0.48W	0.49W	0.49W
... 4K ...	2.3W	2.3W	2.3W
... 4K HDR ...	2.3W	2.31W	2.4W
... Efficiency	88.1	88.3	87.6

12. ...

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