



Product Environmental Report

— 4 (design) with Siri Remote

Developed
October 2022

Made with better materials

80%

Recycled aluminum
in the 4K
design
remote

100%

Recycled in in
total of multi
circuit board

Tackling climate change

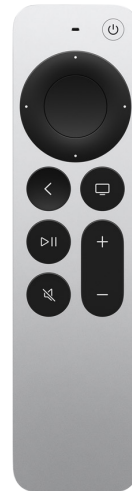
100%

We committed to joining our
manufacturing, carbon
footprint by 2030.

Energy efficient

79%

Energy consumption
ENERGY STAR
qualified



Smarter chemistry¹

- CFC-free
- Ozone depleting
— CFC-free
- Chlorine-free

Responsible packaging

100%

of wood fiber
content
recycled

90%

of
recycled
fiber-based
work
recycling

Apple Trade In

Round-trip
shipping
included

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

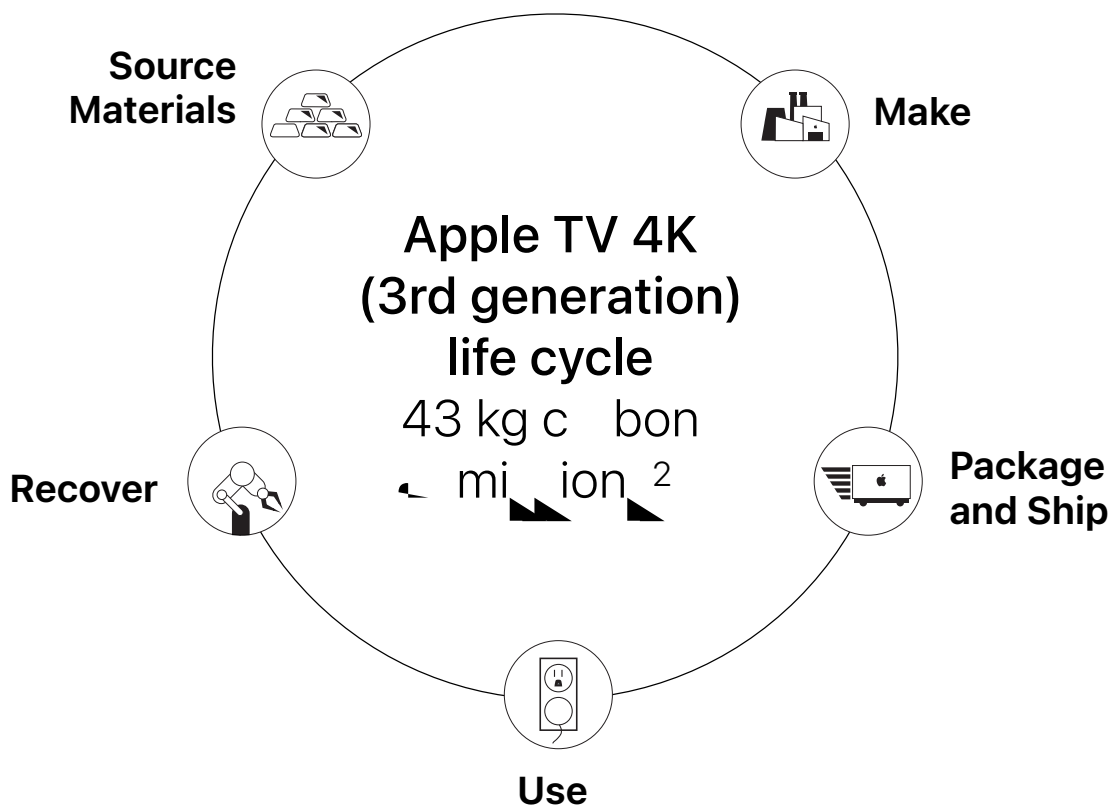
— included
of, product
— 4K design
with Siri Remote.



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 are committed to reducing our carbon footprint by 20% by 2020, and we are working to reduce our carbon footprint by 50% by 2030. We are also committed to using 100% renewable energy by 2020.

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 ila ou cing of, im m e i . W m, m n m e i o m o e mia ou c nd bi e ia nd d fo ra 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 ra 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 ila 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 1 e c n e c e d god.



Plastic

W e n i ioning f om fo i fu b e d, ic 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 nia, ic 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 omin e d f ra e d n C, e nd ra 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

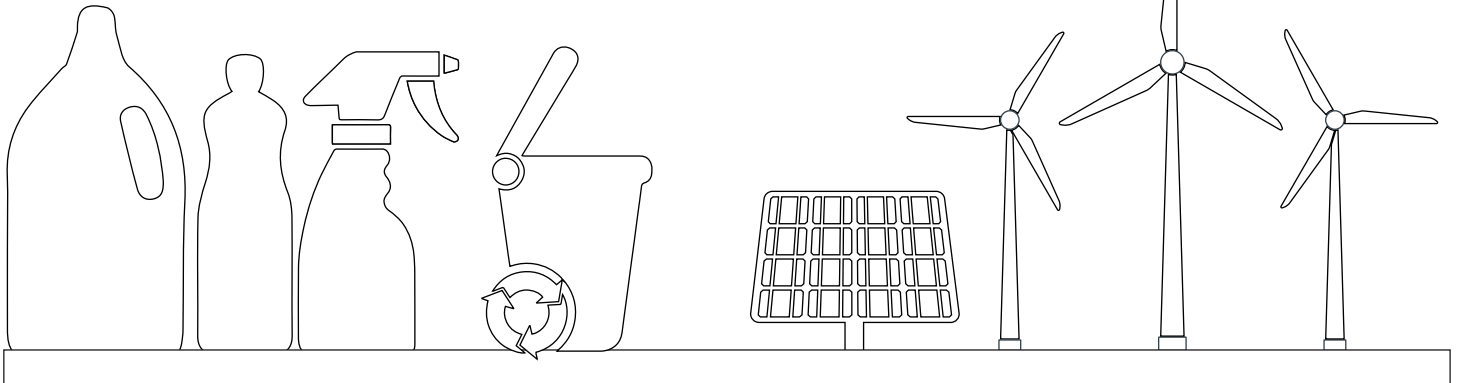
Apple is committed to reducing the use of hazardous chemicals in our products. We are working with our suppliers to identify and eliminate hazardous chemicals from our products. We are also working to reduce the use of hazardous chemicals in our manufacturing processes.

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 eliminate energy waste from our products. We are also working to reduce the energy use of our suppliers in their manufacturing processes.





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.





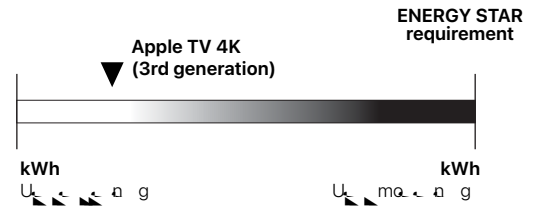
Use

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

With its new, more efficient on-chip design, Apple TV 4K (3rd generation) uses 70% less energy than the previous generation. This is due to the new ENERGY STAR 11. Apple TV 4K (3rd generation) uses 70% less energy than the previous generation. This is due to the new ENERGY STAR 11.

Energy consumption of ENERGY STAR-rated products

Apple TV 4K (3rd generation) is an ENERGY STAR-rated product. It uses 70% less energy than the previous generation. This is due to the new ENERGY STAR 11.



Designed to last

Apple TV 4K (3rd generation) is designed to last. It features a durable design and a long lifespan. This is due to the new ENERGY STAR 11.



Made with smarter chemistry

Apple TV 4K (3rd generation) is made with smarter chemistry. It uses advanced materials and processes to reduce its environmental impact. This is due to the new ENERGY STAR 11.



Recover

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

We... product... from... 'w...
 und... In-i off... m... un... ic...
 cc... .Egib... d... info... Se...
 wi... nd... d... ce... fo...
 in... k-b ck nd... c... ion... og... m... fo...
 w... oduc... ndw... odou... ce... o... ig... nd...
 ub... nc... ou... oduc... om... nou... m... i... ce... ce... nd... u...

Apple Trade In

o ma... info m... ion on... ow... ce...
 ou... oduc... ce... nd of... if... 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 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 e 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 u d e m i ion fo e fo owing i f c e s e con ibu ing o G ob W ming a n i G W 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 i on 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 ion 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](https://www.apple.com/environment/)

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 o n 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 ion 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 in 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 ion 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 ion 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 a 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 in c 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 n d - c u 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 c o - 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 n d 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 n d s e e s c r a n s s e s o d u c c o m s w i e E u a e n U n i o n D e c i k 2 1 1 / E U n d i r a n d r a n i n c l u d i n g e m i o n f o e u e 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 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 o f 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/

