MagSafe Charging Stand (Standby Mode)

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VIEW IN BROWSER

updated 28. 9. 2023 | published 28. 9. 2023

Summary

A modular charging stand for all iPhones that support MagSafe as well as all Apple Watches! Supports “Standby Mode”!

Household > Bedroom

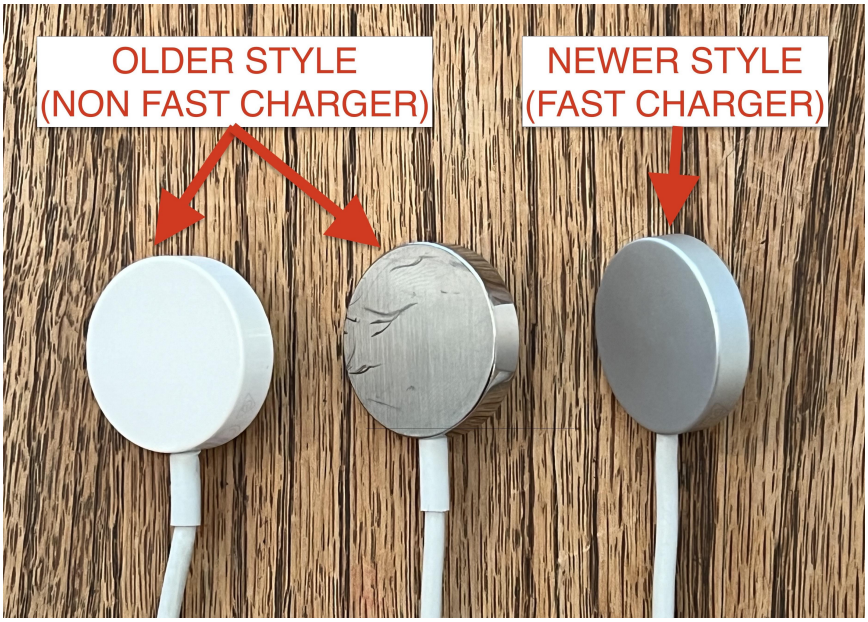
Tags: mini stand pixel modular samsung qi charger wireless phone charging apple iphone watch mode pro plus safe ultra magsafe max mag 41mm 44mm standby

This is a super simple to print charging stand that utilizes your MagSafe charger. No supports required, and fully modular to fit your phone (as long as it has MagSafe). Update 8/5/23: Support for older style Apple Watch chargers!

I have added models for the older style (non-fast charger) Apple Watch chargers, as well as the updated bases since the older chargers use USB-A connectors on the end. This means that you need to make sure you are using the correct pieces for your setup. I have put the new bases under the **BASES** folder and labeled them for the old chargers. I created new

folders for the watch charger pieces and labeled the non fast chargers as REGULAR.

As a note, these pieces only work on the genuine Apple Watch chargers. Any third party charger will very likely not work.
Use this as a guide if you are unsure of which charger you have:



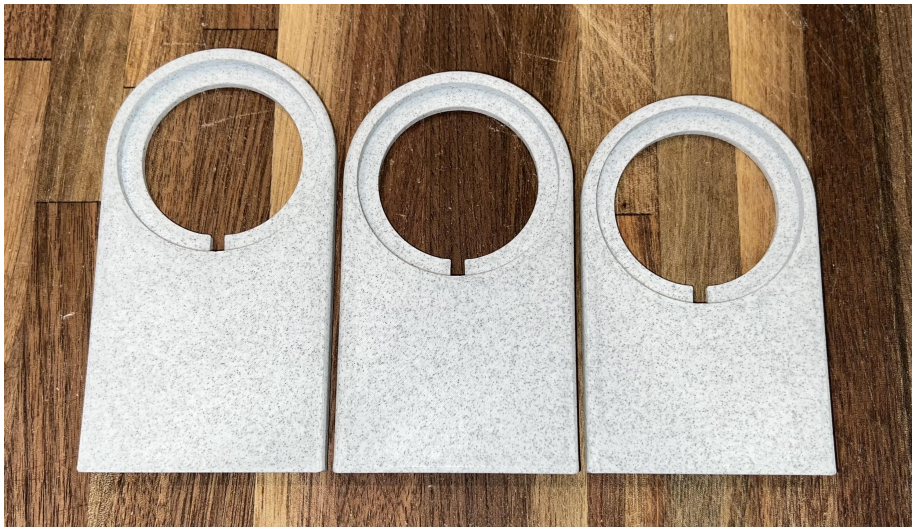
Bases:

There are 4 bases: A phone only base, a watch only base, and two combined bases. The difference between the two combined bases is that the compact version brings the watch and phone a little closer together. Only use the compact base if you have an iPhone 12 or 13 Mini.

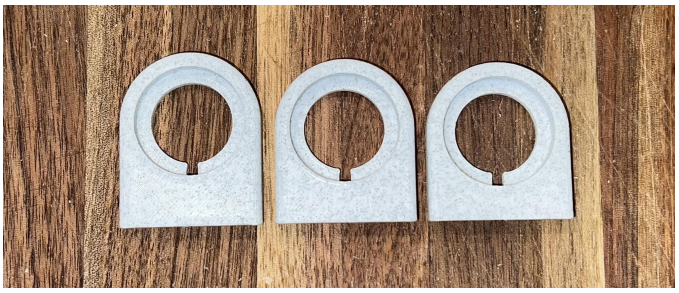
Other Pieces:

There are pieces for every phone that supports MagSafe, so make sure you are downloading the right piece! There are also tighter and looser

tolerance versions of each piece (the tolerance has to do with the charger interface, not the interface with the base piece).



There are also different pieces for the different sized watches. There are pieces for each size of watch, as well as the different types of chargers (fast charger or non fast charger).



Print at 0.2mm layer height. Really only 2 perimeters are needed, but if you want more go right ahead. 15% infill does just fine and keeps filament usage down.

Lay all models flat, with the **cable channels facing down**

If you are having trouble getting the phone or watch piece to fit in the base, try scaling the base up by 1%. This should help the pieces fit together easier.

Assembly video:

Model files

BASES

8 files

phone-base.stl

iPhone base only. fits all iPhone pieces

watch-base-fast-charger.stl

watch base only. fits all watch pieces

watch-base-regular-watch-charger.stl

for regular watch chargers that have the USB-A connector

combined-base-fast-watch-charger.stl

for phone and watch combined. use this one if you have anything bigger than the mini

combined-base-regular-watch-charger.stl

for anything bigger than an iPhone mini (USB-A WATCH CHARGER)

combined-base-compact-fast-watch-charger.stl

for iPhone minis and smaller watches

combined-base-compact-regular-watch-charger.stl

for iPhone minis and smaller watches (USB-A CONNECTOR)

combined-base-with-airpods-charger.stl

Includes a spot for a third MagSafe puck to charge your AirPods with

IPHONE 12, 13, 14, 15 REGULAR AND PRO (REGULAR SIZED PHONES)

3 files

magsafe-holder-regular_-pro.stl

for iPhone 12/13/14/15 regular and pro (regular sized phones)

magsafe-holder-regular_-pro-looser.stl

looser tolerances

magsafe-holder-regular_-pro-tighter.stl

tighter tolerances

IPHONE 12, 13, 14, 15 PLUS AND PRO MAX (BIG PHONES)

3 files

magsafe-holder-plus-pro-max.stl

for iPhone 12/13/14/15 plus and pro max (big phones)

magsafe-holder-plus-pro-max-looser.stl

looser tolerances

magsafe-holder-plus-pro-max-tighter.stl

tighter tolerances

IPHONE 12 AND 13 MINI (SMALL PHONES)

3 files

magsafe-holder-mini.stl

for iPhone 12 and 13 mini

magsafe-holder-mini-looser.stl

looser tolerances

magsafe-holder-mini-tighter.stl

tighter tolerances

41MM WATCHES (SMALLER WATCHES)

6 files

watch-41mm-holder-fast-charger.stl

for 41mm watches that use the fast charger (series 7 and 8 only!)

watch-41mm-holder-looser-fast-charger.stl

looser tolerances

watch-41mm-holder-tighter-fast-charger.stl

tighter tolerances

watch-41mm-holder-regular-charger.stl

for 41mm watches that use the regular charger (series 6 and below + SE)

watch-41mm-holder-looser-regular-charger.stl

looser tolerances

watch-41mm-holder-tighter-regular-charger.stl

tighter tolerances

44MM WATCHES (BIGGER WATCHES)

6 files

watch-44mm-holder-fast-charger.stl

for 44mm watches that use the fast charger (series 7 and 8 only!)

watch-44mm-holder-looser-fast-charger.stl

looser tolerances

watch-44mm-holder-tighter-fast-charger.stl

tighter tolerances

watch-44mm-holder-regular-regular-charger.stl

for 44mm watches that use the regular charger (series 6 and under + SE)

watch-44mm-holder-looser-regular-charger.stl

looser tolerances

watch-44mm-holder-tighter-regular-charger.stl

tighter tolerances

WATCH ULTRA

3 files

watch-ultra-holder.stl

for Apple Watch ultra

watch-ultra-holder-looser.stl

looser tolerances

watch-ultra-holder-tighter.stl

tighter tolerances

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