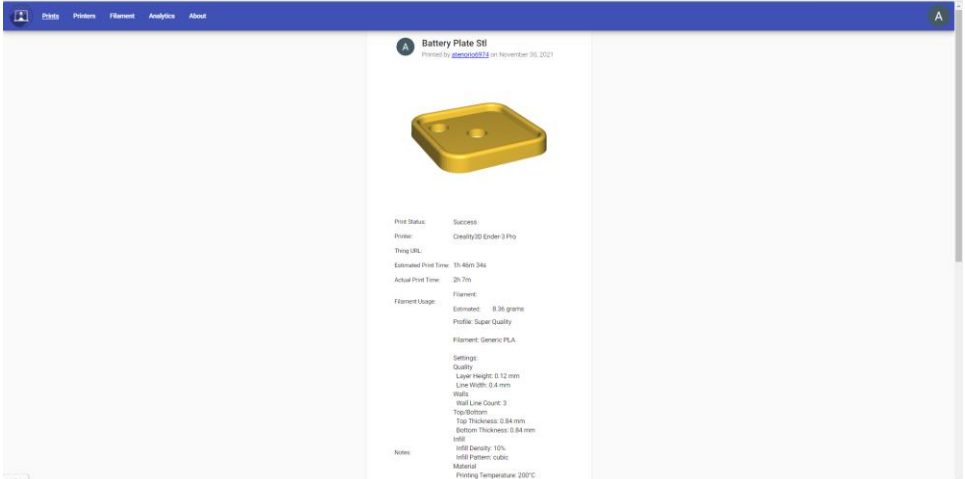


3d Printing Build Documentation Sheet

A 'Build' is any time you generate G-Codes and load them on a machine a it runs long enough to complete the first layer

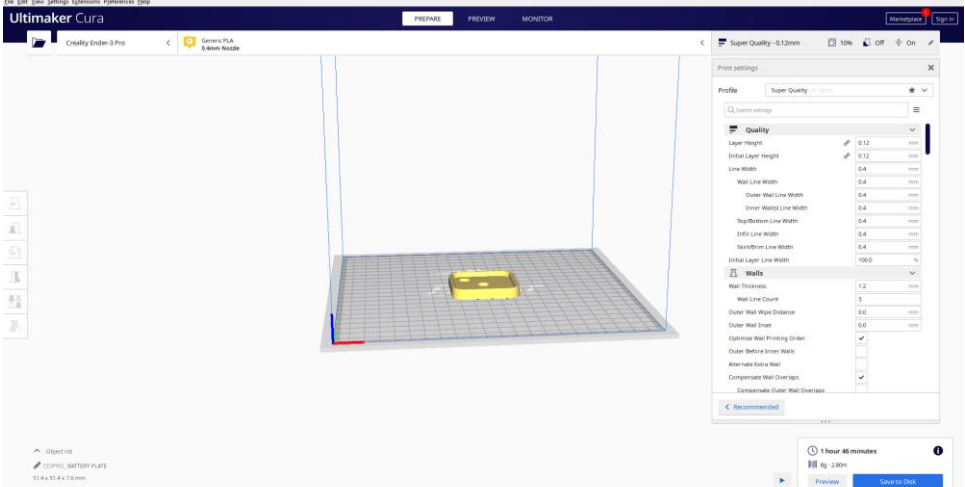
Name	Ailin Tenorio	Date/Time	11/30/2021
Lab/Project	Battery_Plate	Build #	1

Build Log Entry




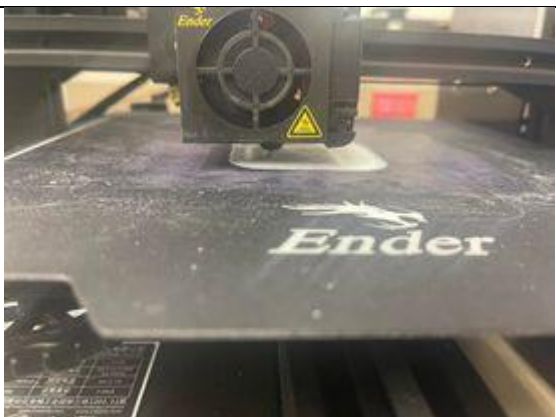
Battery Plate Stl
Printed by: [ailin](#) on November 30, 2021

Print Status: Success
Printer: Creality3D Ender 3 Pro
Thingiverse: [Battery Plate](#)
Estimated Print Time: 1h 46m 36s
Actual Print Time: 2h 7m
Filament Usage: Estimated: 8.36 grams
Profile: Super Quality
Filament: Generic PLA
Settings:
Quality:
Layer Height: 0.12 mm
Line Width: 0.4 mm
Walls:
Wall Line Count: 3
Top/Bottom:
Top Thickness: 0.84 mm
Bottom Thickness: 0.84 mm
Infill:
Infill Density: 10%
Infill Pattern: cubic
Material:
Printing temperature: 205°C



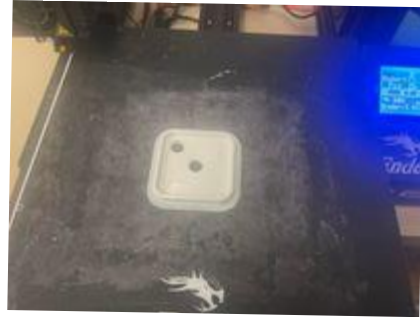
Ultimaker Cura
Print settings
Profile: Super Quality
Quality:
Layer Height: 0.12 mm
Initial Layer Height: 0.12 mm
Line Width: 0.4 mm
Wall Line Width: 0.4 mm
Outer Wall Line Width: 0.4 mm
Inner Wall Line Width: 0.4 mm
Top/Bottom Line Width: 0.4 mm
Infill Line Width: 0.4 mm
Bottom Line Width: 0.4 mm
Initial Layer Line Width: 0.4 mm
Walls:
Wall Thickness: 1.2 mm
Wall Line Count: 3
Outer Wall Line Distance: 0.0 mm
Outer Wall Step: 0.0 mm
Optimize Wall Printing Order: ☒
Outer Before Inner Walls: ☐
Alternate Extra Wall: ☐
Compensate Wall Overlaps: ☒
Extrapolate Outer Wall Overlaps: ☐
1 hour 46 minutes
By: 2.80m
Preview
Save to disk

Preview in Slicer

 <p>Machine Control Panel after 1st Layer Complete</p>	 <p>Build plate after 1st layer has printed</p>
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Machine Control at end of Build



Build(parts) on Build plate after job completed or aborted



Photo of Build after removal from machine

1. To finish the piece, sand the piece with the machine shown in the photo.



2. For the final finish I used paint.



3.Final product with the part assembled with the Flashlight



Description/Comments