

HART™



DIY Charging Station
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PROJECT PLAN

Finished Dimensions: Varies based on Desired Size

Skill Level: Beginner

Materials

Item	Qty
1/2-in x 2-in x 3-ft Square Unfinished Pine Board	2
1/2-in x 6-in x 3-ft Square Unfinished Pine Board	1
1/2-in x 2-in x 3-ft Square Unfinished Pine Board	1

* Board dimensions are “nominal.” Actual dimensions are smaller due to lumber industry standards. Cuts are actual length.

Tools Used



Miter Saw



Power Drill



Hot Glue Gun



Measuring Tape



Orbital Sander



Spade Bits



Battery Tip: A 4.0 Ah battery is recommended to be paired with high amp draw tools for maximum efficiency.

Lumber Cut List

Board*	Description	Cut to	Qty
1/2"x3"	Frame	11 1/2"	2
1/2"x3"	Frame	12"	1
1/2"x6'"	Base	11 1/2"	2
1/2"x3"	Dividers	12"	2
1/2"x2"	Dividers	12"	2
1/2"x2"	Dividers	7 1/2"	1

* Board dimensions are “nominal.” Actual dimensions are smaller due to lumber industry standards. Cuts are actual length.

Assembly Instructions

Step 1

Sanding and pre-staining are always the best idea, in my opinion! I used minwax Special Walnut.

Step 2

Make the frame using 11 ½" (sides) and 12" (front), leaving the back open.

Step 3

On the top of the frame, glue the two ½"x 6" boards together on the long ends.

Step 4

Attach the top of frame to the base using the hot glue gun. I glued the sides and did a line of glue on the underside, as well. (I avoided glueing on the top as much as I could.)

Step 5

Glue the dividers to the top, spaced evenly to whatever works best for your devices.

Step 6

Drill holes on the side using a ½" spade drill bit for charging cords! I did two, but this is your preference!
