



HardiePanel Sierra 8 4ft x 8ft x 5-16ths 1:12 Scale Model

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Summary

Textured scale model of a HardiePanel fiber cement "Sierra 8" siding panel.

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You may have come across my other 1:12 scale models for my solar shed project - I'm building a real shed & a 1:12 scale model of it. The real shed will contain a 12kW and 8kW solar charger inverter and two 32-cell LFP battery arrays. One set is based on 280Ah and the other 200Ah batteries, respectively 28.672 kWh and 20.48 kWh. It will house a couple of EV chargers, completely off-grid.

I'm thinking I might make the 1:12 scale model into a solar charge station for USB devices...

I experimented with using IdeaMaker to apply a texture from a photograph of woodgrain to a simple rectangular model (which renders to G-Code), then using Voxelizer to convert that back to an STL file. The texture I used was based on pine and does not match exactly the HardiePanel fiber cement board, but I figure it is close enough. I sliced the model using

variable layer height in Bambu Studio so it will print the boring parts fast and preserve detail.

See my other 1:12 models for the inverters and batteries. The shed and lumber panels are coming soon!

*** UPDATE *** See my new remix which has been textured using a photo of the actual product.

Model files



hardiepanel-sierra-8-4ft-x-8ft-x-5-16ths.stl

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