



# PDR Presentation

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# Overview

Block Diagram

Problems and Issues

Progress since Proposal Presentation

Work to be Finished

Questions



# Block Diagram

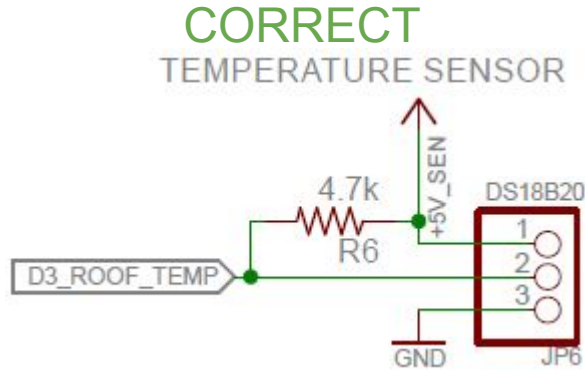


# Problems and Issues

Voltage swing: 3.7V (battery) - 6V (panel)

Temperature sensor datasheet wrong

Waiting on part orders



**WRONG**



**TO-92**  
(DS18B20)



# Progress since Proposal Presentation

Added a 3.3 V regulator before boost converter

Tested sensors

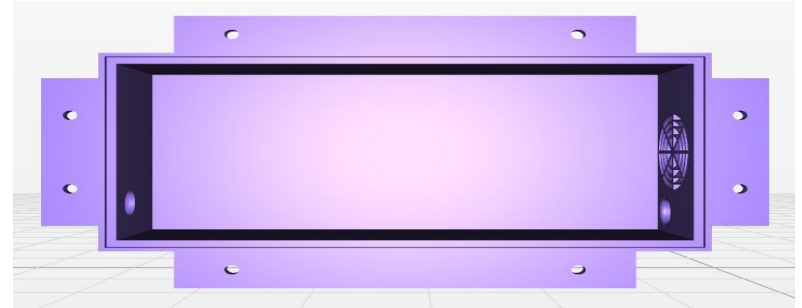
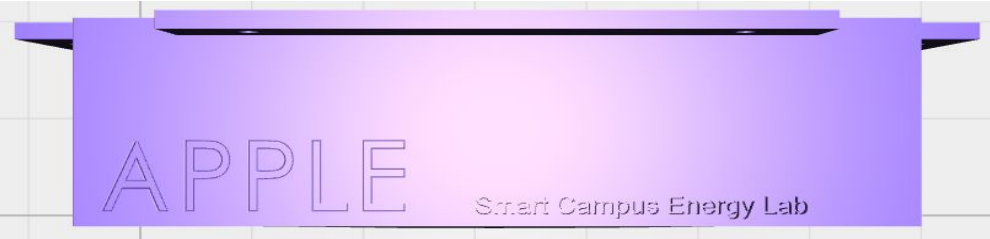
Finished design and purchased 5 PCBs

Designed and printed a housing

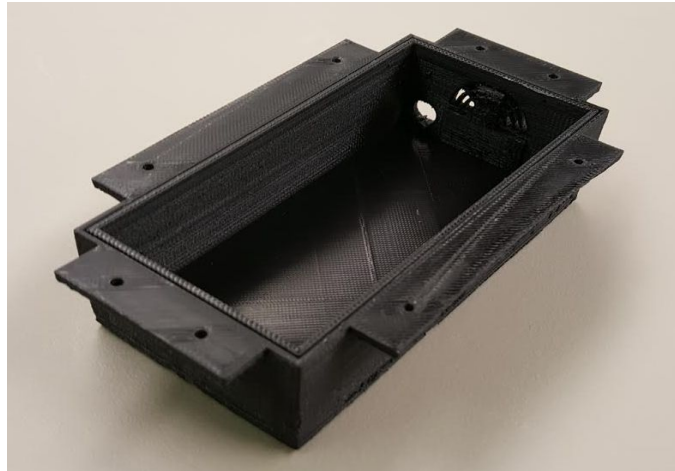
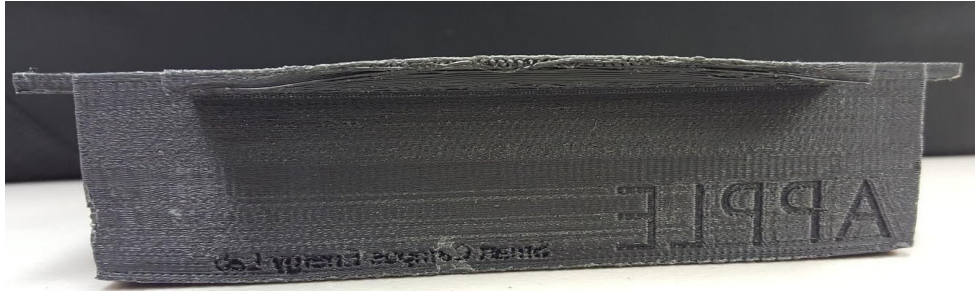
Prepared hardware components for 4 weatherboxes



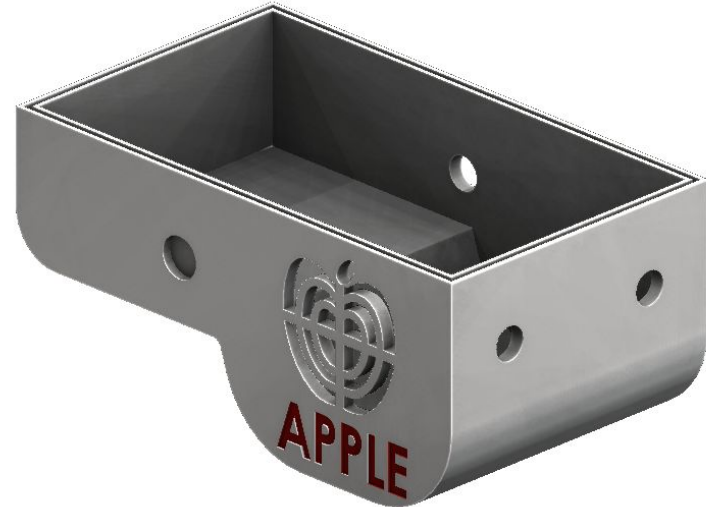
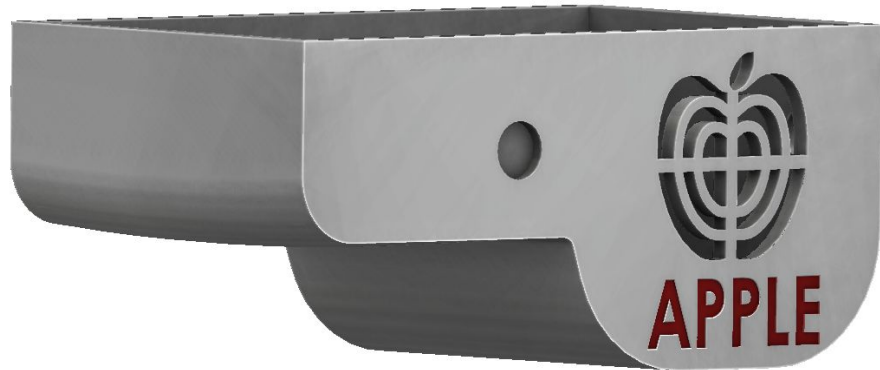
# CAD Draft 4



# Housing Prototype #1



# CAD Draft #5





# Work to be Finished

Finalizing design of Housing

Soldering and assembling the 5 weather boxes before spring break

Test finished boards before deployment



Thank you  
Any questions?

