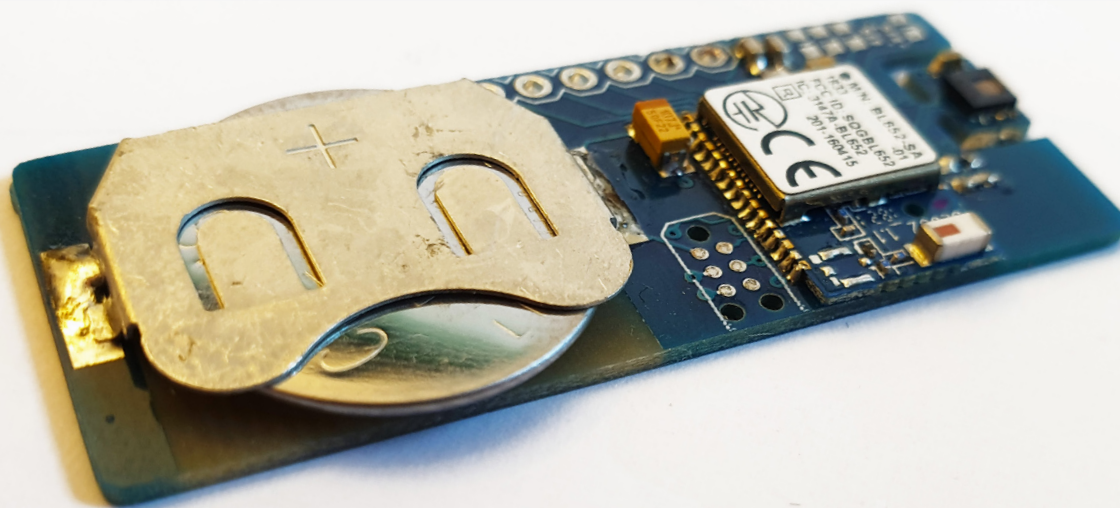
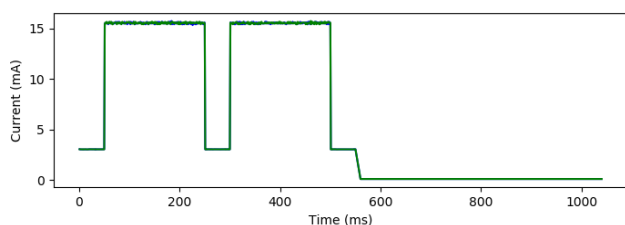
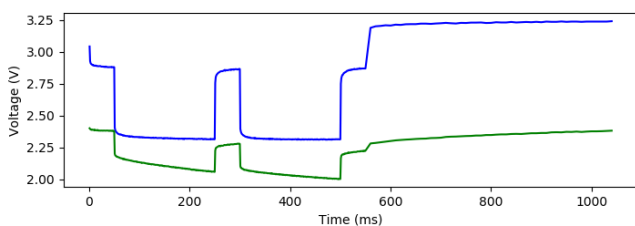


# Energy Harvesting Storage Profiling Service

Let us help you determine the best way to store power for your device.



Our storage profiling service is aimed at testing the performance of batteries and supercapacitors under application specific loads thus verifying that the battery will meet the demand of the customers target application's power requirements.



## Battery profiling

Our profiling service is based around on discharging potential batteries in your design by simulating a target current consumption profile that can be defined in the range of 1 $\mu$ A to 2A with the time resolution of up to 160 $\mu$ s.

In this way it is possible to test if the storage device can meet the requirement of the application and determine at which point the storage voltage would drop below the allowed pre-set limit as well as determine the behavior of the storage during different phases of the target device operation.

## Simulating recharging

After the storage has been depleted the storage tester can replenish the storage to pre-set voltage using a pre-set current. In this way it is easy to evaluate the impact of different applied voltage levels on the capacity of the storage and its charge retention capability over increased number of charge-discharge cycles.

## Avoid surprises

By using battery profiling, product developers can verify that the storage element will deliver the required amount of operation cycles and help size the decoupling capacitors appropriately.

**Contact us for more information!**



## Contact

Dushan Vuckovic, PhD  
Senior Specialist  
IdemoLab  
duv@force.dk  
+45 61 24 93 42