Requirements and specifications:

* Rechargeable
* Supply power to the sensing (scale) and the microcontroller (data transfer interfacing) submodules.
* Stable reference voltage for varying temperatures
* Batteries should last 12h to 24h (discuss with stakeholders + need to determine what is viable once power consumption and costs are known).
* Overvoltage/undervoltage protection, polarity protection, fuses (probably?)
* 3V3 or 5V output (depends on sensing requirements)
* What sort of microcontroller are we looking at using

Different types if battery chemistries available on RS/Communica:

* Lithium-Polymer
* Lithium-Ion
* Lead-acid

For sensing submodule

* Voltage reference IC vs Voltage regulator  
  Regulator for supplying voltage to circuit (less accuracy), reference for giving a very precise voltage (this will likely be preferable but I do not actually know what the sensing circuit needs)