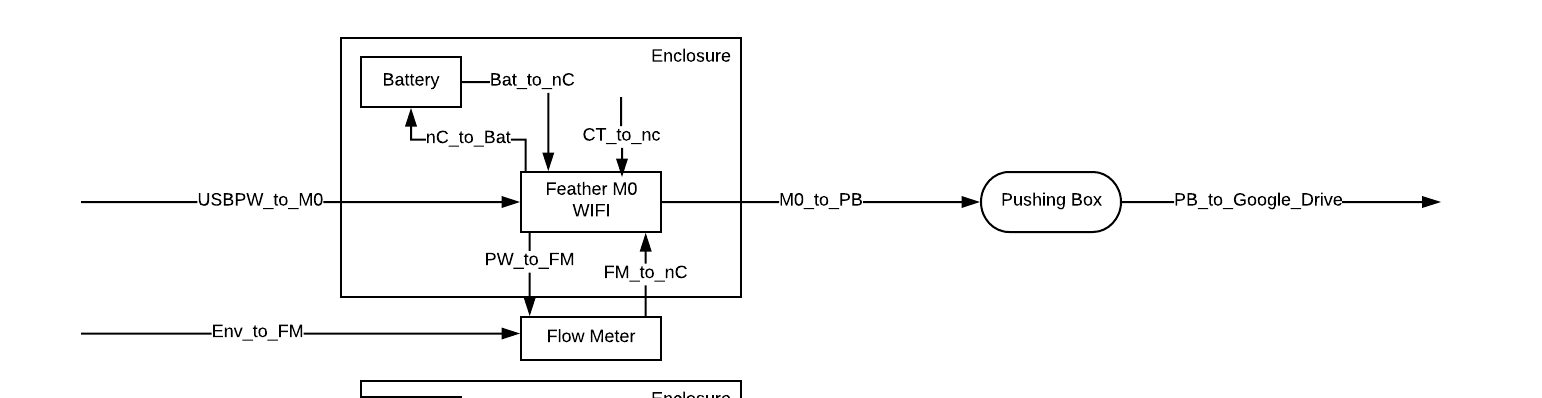
**Flow Meter Power Budget**



|  |  |
| --- | --- |
| **Item** | **Data** |
| Backup Battery | 3.7V,  2500mAh |
| Main Battery | 12 V  3000 mAh \* 3 |
| nC | 5V,  100mA (10%), when WiFi is using  22mA (90%) |
| Flow Meter Sensor | 3V  20 mA |

**Calculation:**

* Power for each component
* Average total power
* Average total operation time