## **Power Analysis:**

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|  | **Voltage** | **Capacitance** | **Current** | **Time** |
| **Arduino Yun** |  |  | 200ma-270ma (no connection)  277ma (connect network)  315ma (max load) |  |
| **DS18B20 Temperature sensor** |  |  | 30ma |  |
| **LED (x7)** |  |  | 18ma x7 |  |
| **6AA Battery** | 9v | 2850mAH |  |  |
| **No connection** |  |  |  | 10.5hrs-14.25hrs |
| **Connection** |  |  |  | 6.5hrs (normally)  5.9hrs (max load) |