



**Note:**

When use following tables to estimate battery life, the efficiency of battery should be considered as:

- Sampling rate = 1 – 10, battery efficiency is 75%
- Sampling rate = 11 – 20, battery efficiency is 70%
- Sampling rate = 21 – 30, battery efficiency is 65%
- Sampling rate = 31 – 40, battery efficiency is 60%
- Sampling rate = 41 – 60, battery efficiency is 55%

*For example:*

The life time = 307 days @ 60s sampling rate for 3x½ AAA 150C battery pack,

The real life time =  $307 \times 55\% = 168$  (days)



## 1. PPS52 Gauge

**150°C**

- Operating current: 3.2mA
- Idle current: 0.2mA

Battery: 3x ½ AAA 150°C (1.5Ah)

Sampling Rate (s)	mAs / sample	Total Points	Hours	Days	Note
1	3.2	1687500	469	20	Efficiency of battery needs to be applied for real application at different sampling rate.
5	6.7	805970	1119	47	
10	7.2	750000	2083	87	
15	7.7	701299	2922	122	
20	8.2	658537	3659	152	
30	9.2	586957	4891	204	
60	12.2	442623	7377	307	