

\* Normal mode per 20 min  
2x basic + 1 update

$$2 \times 0,31 \text{ mAh} + 1 \cdot 0,34 \text{ mAh} = 0,96$$

56 s active  $\rightarrow$  3544 s passive

sleep: 21,65 mAh

$$\text{total} = 22,61 \text{ mAh}$$

$$3700 / 22,61 = 163,59 \text{ h}$$

\* Danger every 20 min:

$$2 \times \text{basic} + 1 \text{ max} =$$

$$2 \times 0,41 \text{ mAh} + 1 \cdot 0,31 \text{ mAh} = 1,13$$

69 s active  $\rightarrow$  3531 s passive

21,57 mAh sleep

$$\text{total} = 22,71 \text{ mAh}$$

$$3700 / 22,71 = 162,94 \text{ h}$$

\* Emergency every 5 minutes

$$14 \times \text{basic} + 6 \times \text{MAX}$$

$$14 \times 0,11 + 6 \times 0,31656 = 3,43$$

238 s active  $\rightarrow$  3369 s passive

20,54 mAh sleep

$$\text{total} = 23,97 \text{ mAh}$$

$$3700 / 23,97 = 154,32 \text{ h}$$

+ only sleep

$$3600 / 22 \text{ mA}$$

$$3700 / 22 = 168,2 \text{ h}$$