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# seawatch® UV WATCH

## TECHNICAL SPECIFICATION

### Operating Conditions

	Minimum	Typical	Maximum	Unit
Supply voltage	2.7	3.0	3.5	V
Operating temperature	0		60	°C
Storage temperature	-10		60	°C
Water Resistance performance	5			ATM

### Power Consumption

		Minimum	Typical	Maximum	Unit
Normal time mode	Average	6.0	7.2	8.0	uA
	Peak	240.0	249.0	255.0	uA
Normal time mode (with alarm beep)	Average	1.10	1.38	1.60	mA
	Peak	4.70	4.88	5.00	mA
UVI Mode (2 sec UVI update)	Average	20.0	23.0	26.0	uA
	Peak	240.0	249.0	255.0	uA
Chronograph mode (Running)	Average	15.0	16.3	17.0	uA
	Peak	19.6	20.1	20.4	uA
Timer mode (Running, 10 sec UVI update)	Average	8.00	9.40	11.00	uA
	Peak	240.00	249.00	255.00	uA
EL (ON)		5.00	5.60	6.00	mA

### Battery

	Type CR2032 (3.0V Lithium button cell)
Battery life	2 Years
Usage assumptions:	
Alarm beep sound	duration = 30 sec/day, current(avg) = 1.48mA max
EL on time	duration = 9 sec/day, current = 5.70mA max
Time for 2 sec UVI update rat	duration = 30 min/day, current = 260uA max

### Others

	Minimum	Typical	Maximum	Unit
Accuracy @ 3.0V, 25°C	-30		30	sec / month
Alarm sound pressure level @10cm distance	55			dB