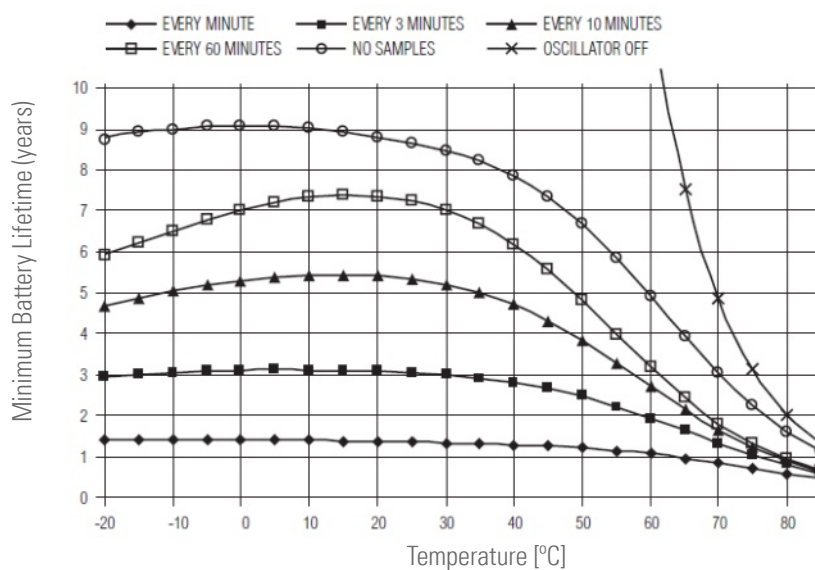


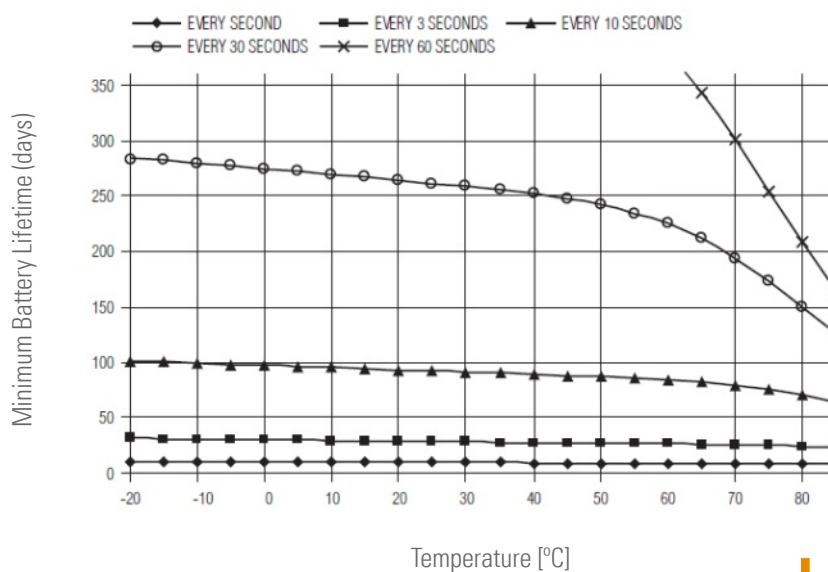
Battery Characterization for Hygrochron™ DS1923

The battery lifetime of the Hygrochron is factor of sample rate and operating temperature. The following charts present the expected lifetime.

Battery Lifetime vs Temperature at slow sample rates (standard resolution)

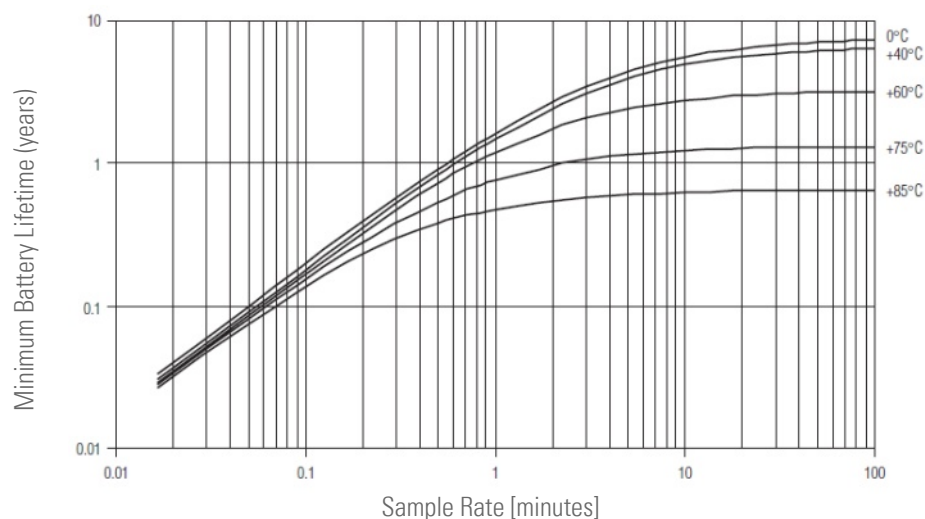


Battery Lifetime vs Temperature at fast sample rates (standard resolution)



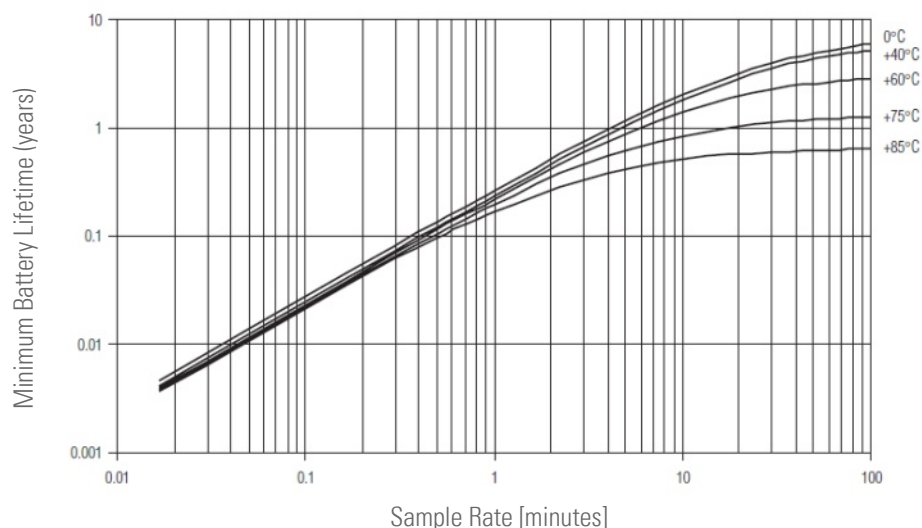
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Battery Lifetime vs Different Sample Rates (standard resolution, temperature only)



Note: with humidity logging activated, the lifetime is reduced by less than 11% for the sample rates of 3min. and slower, and by a maximum of 20% for sample rates of 1min. and faster.

Battery Lifetime vs Different Sample Rates (high resolution, temperature only)



Note: with humidity logging activated, the lifetime is reduced by a maximum of 4%. The incremental energy consumed by humidity logging is independent of the humidity logging resolution.

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