

## OPzV Cells & Blocks

Template item: [2.5:A] Battery Service Life

The designed life stated in the template item [1.1:B] is the expected service life of a typical cell at **standby** operation conditions at 20°C

- Float voltage 2,25Vpc with the temperature characteristic see 3.
- Seldom discharges, accumulated Ah amount less than 20 times C10 per year
- Operation acc. To our Operation Manual
- Service life in weak grids with daily cutoffs have to be extra charged.

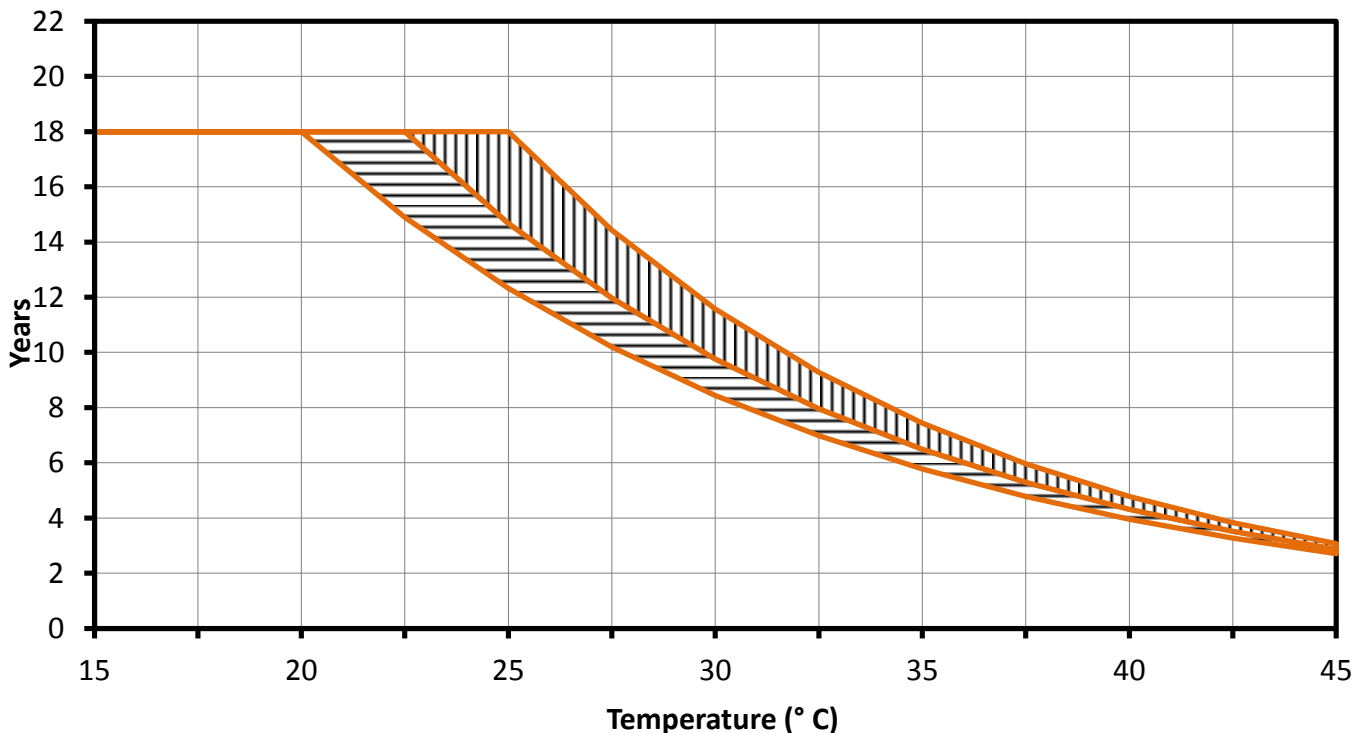
### Cell service life:

Cell service life has to be higher than the battery service life, because the battery design life depends on the state of health of many cells. But we don't extra define the cell service life.

### Battery service life:

Our expected service life of 18 years for OPzV cells is the battery service life. Here are included the operation of all cells, the connectors, the rack and its interaction as well as the different environmental conditions, like temperature differences between cells.

### OPzV Cells - Expected Service Life vs Operating Temperature



**OPzV Blocks - Expected Service Life vs Operating Temperature**

