

Datenblatt Temperaturverhalten der Leclanché-Batterie

| ϑ [° C] | U_{Ruhe} [V] | U_{Arbeit} [V] | $I_{\text{Kurzschluss}}$ [A] | $t_{\text{Entladung}}$ [h] |
|---|-----------------------|-------------------------|------------------------------|----------------------------|
| 30 | 1,57 | 1,49 | 6,5 | 17 |
| 20 | 1,56 | 1,48 | 6,0 | 14 |
| 10 | 1,55 | 1,47 | 5,5 | 11 |
| 0 | 1,54 | 1,46 | 5,0 | 8 |
| -10 | 1,53 | 1,41 | 4,5 | 6 |
| -20 | 1,53 | 1,30 | 3,0 | 4 |
| -30 | 1,53 | 1,00 | 1,0 | 1 |
| Belastungswiderstand $R_{\text{Belastung}} = 8 \text{ Ohm}$ | | | | |