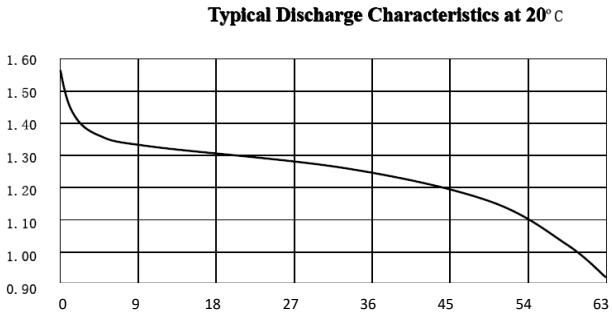
| | | | |
|---|---|---|---|
| **battery type:** | | | **Alkaline Manganese Dioxide (mercury free)** |
| **battery size:** | | | LR43; LR1142; AG12; 186; 386 |
| **chemical system:** | | | Zn / KOH-$H_2O$ / $MnO_2$ |
| | | | **Conditions** |
| **nominal voltage:** | 1.5 | V | |
| **open circuit voltage:** | 1.57…1.63 | V | new battery |
| | 1.53…1.63 | V | after 1 year storage at 20°C |
| | | | all measurements at 22 ± 2°C ambient |
| **capacity** | | | |
| rated: | 95 | mAh | discharge at 10kΩ load; 24hours/day<br>End Voltage (EV): 0.9V |
| minimum: | 90 | mAh | discharge at 10kΩ load; 24hours/day<br>End Voltage (EV): 0.9V |

**Service Life**

| | | | | |
|---|---|---|---|---|
| | | | at 10kΩ load | new battery |
| nominal: | 730 | h | EV: 0.9V | (tested within 60 days after production) |
| MAD: | | | at 10kΩ load | new battery |
| (minimum average | 690 | h | EV: 0.9V | (tested within 60 days after production) |
| duration) | 520 | h | EV: 1.2V | |
| | | | at 10kΩ load | after 12 months storage at room temperature |
| | 625 | h | EV: 0.9V | |
| | 475 | h | EV: 1.2V | |
| | ≥ 60 | h | at 1kΩ load | for IQC measurement |
| | | | EV: 0.9V | |

Discharge diagram:



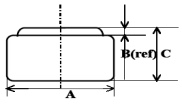

load resistor: 1kΩ

| | | | |
|---|---|---|---|
| **shelf life:** | 3 | years | under proper storage conditions (ta: ≤ 22°C; RH: 60 ± 15%) |
| | ≥90 | % | remaining capacity after 12 months storage |
| **operating temperature:** | -20...60 | °C | |
| **storage temperature:** | 5…25 | °C | (recommended) |

**mechanical specifications:**

cell dimensions: 11.6 x 4.2mm nominal

| Dimensions | Unit:mm |
|---|---|
| A | 11. 40-11. 60 |
| B | 0. 40(ref) |
| C | 3. 90-4. 20 |




nominal weight: 1.5 g

main applications: watch, photo, electronic



| | | |
|---|---|---|
| ANSMANN | **ANSMANN Specifications for model:** | **Ansmann LR43 (AG12, 386A)<br>Alkaline Button Cell "Hg free"** |
| | data sheet no. / part no. | |
| | supplier no. | 703385 |
| | author / date | TG / 25.07.2018 |

Manufacturer reserves the right to alter or amend the design, model and specification without prior notice