

Battery lifetimes

Supply options and battery lifetime for wall mounted MULTICAL[®] 62 with ULTRAFLOW[®] 24

Estimated battery lifetime in years

Top ⇒ Base ↓	67-00 Without Top module	67-05 Data + H-Log	67-07 M-Bus	67-0B 2 pulse out + prog. datalogger	602-0C 2 pulse out
67-00-00 Without base module	12+1	12+1	Mains only	9	10
67-00-10 Data+ pulse inp.	Monthly: 12 daily: 12 hourly: 10 min.: 5	Monthly: 12 daily: 12 hourly: 10 min.: 5	Mains only	Monthly: 9 daily: 8 hourly: 7 min.: 4	Monthly: 10 daily: 9 hourly: 8 min.: 5
67-00-20/28/29 M-Bus+ pulse inp.	Monthly: 12 daily: 11 hourly: 9 min.: 1	Monthly: 12 daily: 11 hourly: 9 min.: 1	Mains only	Monthly: 9 daily: 8 hourly: 6 min.: 1	Monthly: 10 daily: 9 hourly: 7 min.: 1
67-00-21 Radio Router +pulse inp.	Mains only	Mains only	Mains only	Mains only	Mains only
67-00-22 Prog. datalogger + analog inputs	Mains only	Mains only	Mains only	Mains only	Mains only
67-00-23 0/4-20 Analogue Out	Mains only	Mains only	Mains only	Mains only	Mains only
67-00-24 LONWorks +pulse inp.	Mains only	Mains only	Mains only	Mains only	Mains only
67-00-25/26 RF+p/i, read by Hand Held Terminal	Monthly: 10 daily: 9 hourly: - min.: -	Monthly: 9 daily: 8 hourly: - min.: -	Mains only	Monthly: 7 daily: 6 hourly: - min.: -	Monthly: 8 daily: 7 hourly: - min.: -
67-00-30 WM-Bus Mode C1 + pulse inp.	12+1	12+1	Mains only	9	10
67-00-60 ZigBee + pulse inp.	Mains only	Mains only	Mains only	Mains only	Mains only
67-00-62 Metasys N2 +pulse inp.	Mains only	Mains only	Mains only	Mains only	Mains only
602-00-64 SIOX	Mains only	Mains only	Mains only	Mains only	Mains only
602-00-80 GSM/GPRS	High Power Mains only	High Power Mains only	High Power Mains only	High Power Mains only	High Power Mains only
602-00-82 Ethernet/IP	High Power Mains only	High Power Mains only	High Power Mains only	High Power Mains only	High Power Mains only
602-00-84 High Power RF + pulse inp.	High Power Mains only	High Power Mains only	High Power Mains only	High Power Mains only	High Power Mains only

- Note 1: Battery lifetime in [years] at one data reading per month, day, hour or minute.
 Note 2: Battery temperature between 30 and 45°C (pipe mounted calculator) will reduce the lifetime by 1-3 years.
 Note 3: With top module 67-0B, log intervals from 60 to 1 min. will reduce the battery lifetime by up to 3 years.
 Note 4: Pulse outputs are calculated at an average of 50% qp for standard CCC-codes and 32 ms. pulse duration.