

ALKALINE - MANGANESE DIOXIDE BATTERY

Battery Discharge Record Table

GERMAN QUALITY CHECK

Station: 02 panel 2 row
Type: 1.50V
Load : 3.9Ω
End Volt: 0.90V
E/P Type: Normal End
Min.time: 340.0min
deviation: 96.5%
Environment: 25°C RH %

Discharge Pattern: 24h/d
Manufacturer: KRÖNE® GmbH Inc.
Battery Name: LR6
Brand Name: KRÖNE
Lot No: 20231014
Prod.Date: 20231014
Start Date: 2023-10-14
End Date: 2023-10-16

	1	2	3	4	5	6	7	8	9	max	min	avg
OCV	1.639	1.640	1.639	1.639	1.640	1.639	1.639	1.639	1.640	1.640	1.639	1.639
CCV(Avg)	1.493	1.438	1.526	1.522	1.429	1.487	1.504	1.523	1.531	1.531	1.429	1.495
Cap(mAh)	1932.3	1873.5	1962.4	1973.2	1937.8	1938.1	1912.5	1980.6	1943.7	1980.6	1873.5	1939.3

Duration time up to each voltage(min)

	0.0	0.0	1.1	1.0	0.0	0.0	0.2	1.0	1.5	1.5	0.0	0.5
1.500V	0.0	0.0	1.1	1.0	0.0	0.0	0.2	1.0	1.5	1.5	0.0	0.5
1.450V	2.5	0.0	5.7	5.4	0.0	2.0	3.4	5.3	6.4	6.4	0.0	3.4
1.400V	8.9	2.3	13.8	13.6	1.7	8.0	10.4	13.4	14.9	14.9	1.7	9.7
1.350V	19.2	9.3	25.5	25.4	8.2	18.0	21.1	25.0	27.0	27.0	8.2	19.9
1.300V	33.1	20.7	41.5	41.5	19.3	32.3	36.2	41.1	43.8	43.8	19.3	34.4
1.250V	49.8	36.8	66.8	67.1	35.2	52.7	58.6	66.4	71.4	71.4	35.2	56.1
1.200V	94.7	60.2	110.2	110.6	58.4	90.9	97.4	109.5	116.3	116.3	58.4	94.2
1.150V	114.5	106.7	159.7	161.2	130.1	144.4	148.1	160.2	166.3	166.3	106.7	143.5
1.100V	170.0	164.1	212.4	218.1	183.6	199.1	202.1	218.1	222.2	222.2	164.1	198.9
1.050V	229.0	223.0	301.0	305.3	254.1	283.5	284.0	302.6	303.9	305.3	223.0	276.3
1.000V	332.4	324.5	355.1	357.0	361.9	349.7	346.6	356.1	353.4	361.9	324.5	348.5
0.950V	398.6	377.0	387.8	388.5	394.1	386.7	381.5	389.4	383.4	398.6	377.0	387.4
0.900V	417.9	409.7	411.6	413.5	418.8	413.5	405.3	415.9	404.3	418.8	404.3	412.3

Voltage(V) Battery discharge graph

