

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: 140.0min
deviation: 97.4%
Environment: 25°C RH %

Discharge Pattern: 24h/d
Manufacturer: KRÖNE® GmbH Inc.
Battery Name: AAA LR03
Brand Name: KRÖNE
Lot No: 20230904
Prod.Date: 20230904
Start Date: 2023-09-04
End Date: 2023-09-04

	1	2	3	4	5	6	7	8	9	max	min	avg
OCV	1.643	1.642	1.642	1.642	1.643	1.642	1.642	1.642	1.642	1.643	1.642	1.642
CCV(Avg)	1.535	1.485	1.535	1.483	1.401	1.528	1.529	1.537	1.533	1.537	1.401	1.507
Cap(mAh)	828.2	801.0	812.3	808.3	789.7	821.4	818.3	817.1	831.7	831.7	789.7	814.2

Duration time up to each voltage(min)

1.500V	0.6	0.0	0.7	0.0	0.0	0.5	0.5	0.7	0.6	0.7	0.0	0.4
1.450V	2.5	0.6	2.6	0.6	0.0	2.1	2.3	2.5	2.5	2.6	0.0	1.7
1.400V	5.8	2.7	5.9	2.7	0.0	5.1	5.4	5.8	5.8	5.9	0.0	4.4
1.350V	10.5	6.4	10.6	6.6	3.8	9.5	10.1	10.5	10.6	10.6	3.8	8.7
1.300V	17.1	11.7	17.4	12.1	8.4	15.5	16.6	17.1	17.5	17.5	8.4	14.8
1.250V	26.4	19.5	26.3	20.4	14.8	24.1	25.8	26.0	26.6	26.6	14.8	23.3
1.200V	37.9	29.6	37.9	30.6	24.3	35.8	36.8	37.6	38.0	38.0	24.3	34.3
1.150V	61.0	43.9	59.8	45.6	35.9	58.0	57.2	60.1	59.7	61.0	35.9	53.5
1.100V	89.2	71.0	87.3	75.2	55.9	86.4	85.4	88.8	88.3	89.2	55.9	80.8
1.050V	120.1	100.1	112.7	104.1	89.1	112.6	112.2	117.9	118.5	120.1	89.1	109.7
1.000V	147.9	137.1	145.2	140.9	128.2	146.0	145.2	145.8	147.3	147.9	128.2	142.6
0.950V	164.2	159.7	161.0	162.0	157.3	163.2	161.9	161.7	164.6	164.6	157.3	161.7
0.900V	174.9	174.4	171.3	175.1	175.1	174.5	173.7	172.3	175.9	175.9	171.3	174.1

Voltage(V) Battery discharge graph

