

ALKALINE - MANGANESE DIOXIDE BATTERY

Battery Discharge Record Table

GERMAN QUALITY CHECK

Station: 02 panel 2 row
Type: 1.50V
Load : 3.9Ω
End Volt: 0.80V
E/P Type: Normal End
Min.time: 140.0min
deviation: 96.9%
Environment: 25°C RH %

Discharge Pattern: 24h/d
Manufacturer: KRÖNE® GmbH Inc.
Battery Name: AAA LR03
Brand Name: KRÖNE
Lot No: 20230317
Prod.Date: 20230317
Start Date: 2023-03-18
End Date: 2023-03-18

	1	2	3	4	5	6	7	8	9	max	min	avg
OCV	1.664	1.664	1.664	1.664	1.664	1.664	1.664	1.663	1.664	1.664	1.663	1.664
CCV(Avg)	1.560	1.547	1.551	1.559	1.557	1.555	1.555	1.560	1.556	1.560	1.547	1.556
Cap(mAh)	906.6	916.4	907.8	907.5	902.9	913.5	901.8	915.2	895.9	916.4	895.9	907.5

Duration time up to each voltage(min)

1.500V	1.3	0.9	1.0	1.2	1.3	1.2	1.2	1.3	1.2	1.3	0.9	1.2
1.450V	3.6	2.9	3.1	3.5	3.5	3.4	3.3	3.6	3.4	3.6	2.9	3.4
1.400V	7.2	6.3	6.6	7.0	7.0	7.0	6.9	7.3	7.0	7.3	6.3	6.9
1.350V	12.3	11.1	11.4	12.0	12.0	12.0	11.9	12.3	11.9	12.3	11.1	11.9
1.300V	19.5	17.9	18.4	19.0	19.1	19.1	18.9	19.3	18.9	19.5	17.9	18.9
1.250V	28.5	27.0	27.2	28.0	27.9	28.1	27.7	28.4	27.7	28.5	27.0	27.8
1.200V	37.8	36.5	36.5	37.5	37.0	37.3	37.4	37.9	37.1	37.9	36.5	37.2
1.150V	61.0	56.5	56.2	60.3	60.2	59.7	59.1	60.2	58.8	61.0	56.2	59.1
1.100V	90.7	88.7	87.1	89.9	90.8	89.9	88.9	89.3	88.9	90.8	87.1	89.4
1.050V	117.7	117.3	115.5	118.1	118.3	118.4	116.8	117.5	117.0	118.4	115.5	117.4
1.000V	141.3	142.2	139.9	141.7	142.3	142.9	140.7	141.8	140.6	142.9	139.9	141.5
0.950V	159.7	161.4	159.4	160.1	160.4	161.6	159.4	160.6	159.1	161.6	159.1	160.2
0.900V	173.3	176.5	173.6	173.9	173.5	176.0	172.6	174.5	172.5	176.5	172.5	174.0
0.850V	185.4	189.1	186.4	186.1	185.2	188.3	184.9	187.4	184.5	189.1	184.5	186.4
0.800V	195.8	199.7	197.8	196.3	194.8	197.6	195.1	198.2	193.6	199.7	193.6	196.6

Voltage(V) Battery discharge graph

