

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: 95.5%
Environment: 25°C RH %

Discharge Pattern: 24h/d
Manufacturer: KRÖNE® GmbH Inc.
Battery Name: LR03
Brand Name: KRÖNE
Lot No: 20230710
Prod.Date: 20230710
Start Date: 2023-07-12
End Date: 2023-07-12

	1	2	3	4	5	6	7	8	9	max	min	avg
OCV	1.642	1.642	1.642	1.641	1.645	1.643	1.642	1.643	1.641	1.645	1.641	1.642
CCV(Avg)	1.516	1.502	1.524	1.522	1.513	1.522	1.511	1.518	1.518	1.524	1.502	1.516
Cap(mAh)	745.9	755.1	759.2	754.2	750.6	748.0	728.9	754.2	755.1	759.2	728.9	750.1

Duration time up to each voltage(min)

1.500V	0.3	0.1	0.4	0.4	0.3	0.4	0.2	0.3	0.3	0.4	0.1	0.3
1.450V	2.0	1.4	2.2	2.2	1.8	2.3	1.8	2.0	2.0	2.3	1.4	2.0
1.400V	5.2	4.2	5.5	5.5	4.8	5.7	4.9	5.3	5.2	5.7	4.2	5.1
1.350V	10.0	8.8	10.3	10.2	9.4	10.6	9.6	10.1	9.9	10.6	8.8	9.9
1.300V	16.4	14.9	16.7	16.7	15.7	17.0	15.9	16.5	16.1	17.0	14.9	16.2
1.250V	25.3	23.2	26.1	26.0	24.5	26.3	24.8	25.6	25.1	26.3	23.2	25.2
1.200V	39.2	36.4	40.1	40.2	37.7	40.4	38.4	39.7	38.8	40.4	36.4	39.0
1.150V	57.6	54.8	58.9	59.0	56.3	58.8	56.4	58.1	58.0	59.0	54.8	57.5
1.100V	82.5	78.8	85.7	84.2	81.2	82.9	80.9	82.9	82.3	85.7	78.8	82.4
1.050V	110.1	107.7	111.7	111.0	108.5	109.8	107.8	110.3	109.2	111.7	107.7	109.6
1.000V	131.9	131.4	132.9	132.0	130.7	131.2	129.2	132.4	131.0	132.9	129.2	131.4
0.950V	147.8	149.4	149.1	148.2	147.8	147.4	144.8	149.1	147.9	149.4	144.8	147.9
0.900V	157.2	160.8	159.9	158.8	158.9	157.3	153.7	159.1	159.7	160.8	153.7	158.4

Voltage(V) Battery discharge graph

