

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: 91.7%
Environment: 25°C RH %

Discharge Pattern: 24h/d
Manufacturer: KRÖNE® GmbH Inc.
Battery Name: LR6
Brand Name: KRÖNE
Lot No: 20230609
Prod.Date: 20230609
Start Date: 2023-06-12
End Date: 2023-06-12

	1	2	3	4	5	6	7	8	9	max	min	avg
OCV	1.646	1.646	1.646	1.646	1.647	1.645	1.645	1.645	1.646	1.647	1.645	1.646
CCV(Avg)	1.534	1.511	1.535	1.534	1.534	1.523	1.520	1.538	1.532	1.538	1.511	1.529
Cap(mAh)	1828.3	1928.5	1881.9	1943.7	1940.7	1883.7	1886.5	1978.8	1861.7	1978.8	1828.3	1903.7

Duration time up to each voltage(min)

	1	2	3	4	5	6	7	8	9	max	min	avg
1.500V	2.0	0.4	2.0	1.4	2.0	1.2	1.0	2.0	1.9	2.0	0.4	1.5
1.450V	7.8	4.1	7.8	6.4	7.6	6.3	6.0	8.0	7.5	8.0	4.1	6.8
1.400V	17.0	11.6	17.0	14.9	16.7	14.9	14.6	17.8	16.6	17.8	11.6	15.7
1.350V	30.7	23.6	30.6	27.4	29.9	27.9	27.4	31.9	30.0	31.9	23.6	28.8
1.300V	53.6	40.1	52.4	45.3	52.0	47.4	46.2	52.9	51.4	53.6	40.1	49.0
1.250V	89.7	71.2	89.5	81.6	86.4	82.1	81.3	92.4	88.6	92.4	71.2	84.8
1.200V	127.9	116.3	129.3	131.8	124.3	123.3	124.2	140.4	130.1	140.4	116.3	127.5
1.150V	193.9	173.2	201.4	202.3	188.9	188.9	182.5	218.6	201.3	218.6	173.2	194.6
1.100V	258.5	256.7	265.6	271.1	258.4	260.1	261.7	273.9	266.8	273.9	256.7	263.6
1.050V	299.7	305.4	306.7	313.8	301.3	301.2	301.9	316.9	304.3	316.9	299.7	305.7
1.000V	334.3	348.7	342.5	352.7	346.5	340.3	341.6	355.8	340.3	355.8	334.3	344.7
0.950V	357.9	380.8	367.1	380.7	378.4	369.1	370.0	384.3	364.1	384.3	357.9	372.5
0.900V	370.3	400.9	382.0	398.1	398.0	386.5	387.7	402.5	377.5	402.5	370.3	389.3

Voltage(V) Battery discharge graph

