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tel. 777 615 188

Battery:

Type of Battery	Custom Battery (36V - 10Ah)
Battery Serial Nr.	Polák Zbyněk 36V 10h z koloběžky S/NLub361020211227 zátěžový

Charger:

Type of Charger	Custom Charger (42V - 2A)

Tester:

Test Equipment	BA600 1312-1035W (v3.14.6459 (Beta))
Test Profile	Usability Test -- Repeat Count: 1
Test Date/Time	Friday, April 8, 2022 9:42:31 AM

Test Results:

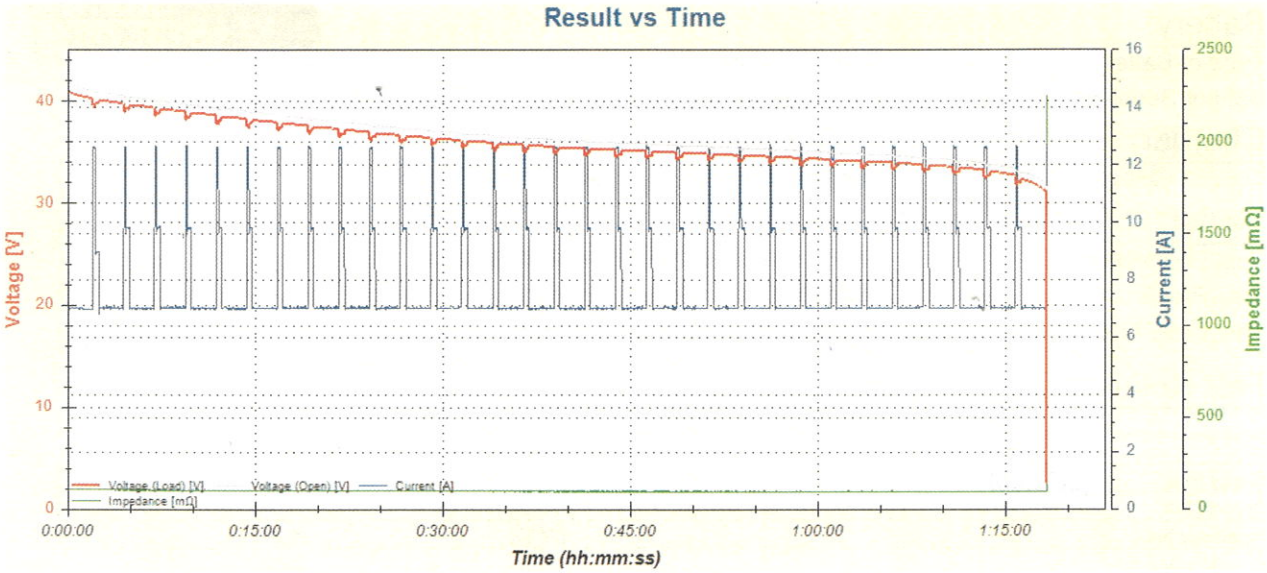
	Rated	Measured	%
Energy [Wh]	360.00	358.85	99.7 %
Capacity [Ah]	10.00	10.04	100.4 %
Impedance [mΩ]	400.00	98.43	24.6 %
Cut-off-Voltage [V]	30.43	30.02	0.0 %
Charge end Voltage [V]	42.00	0.00	0.0 %

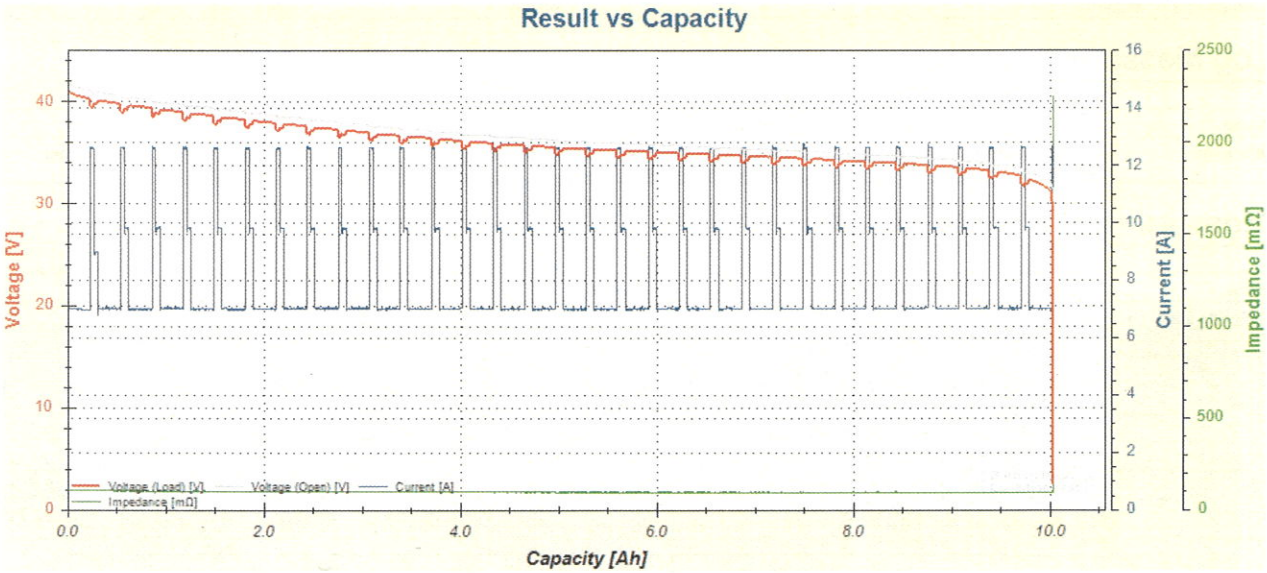
Log Messages:

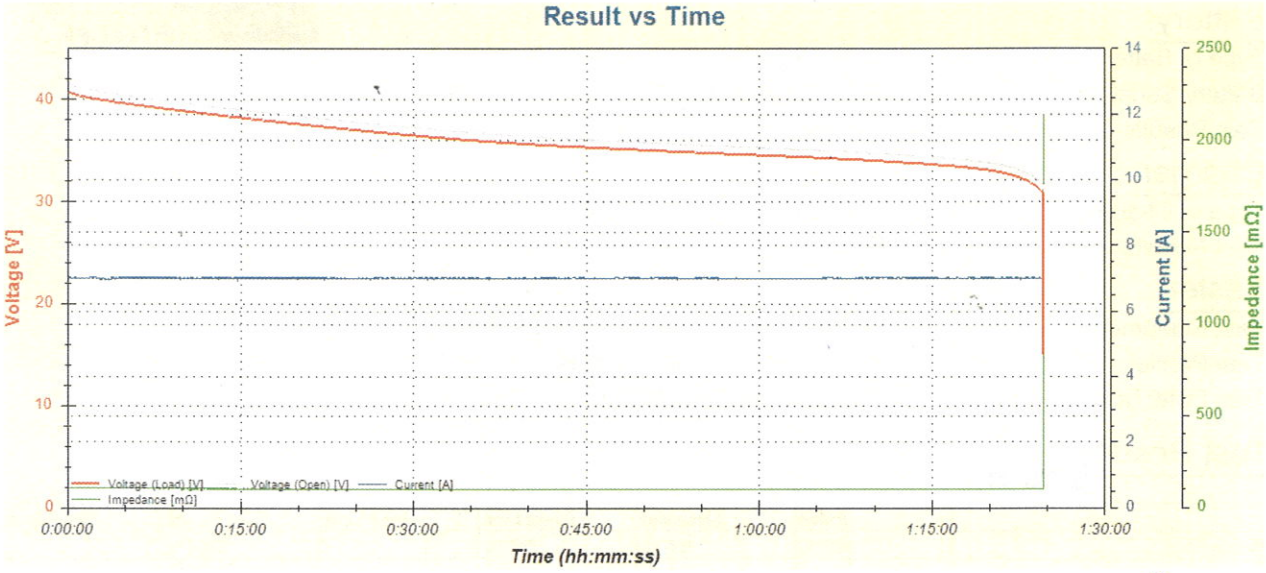
Level	Time	State	Message
Message	4/8/2022 9:44:58 AM	Discharging	During discharge the tester reached its current or power limits. This may show a slightly higher measured capacity.

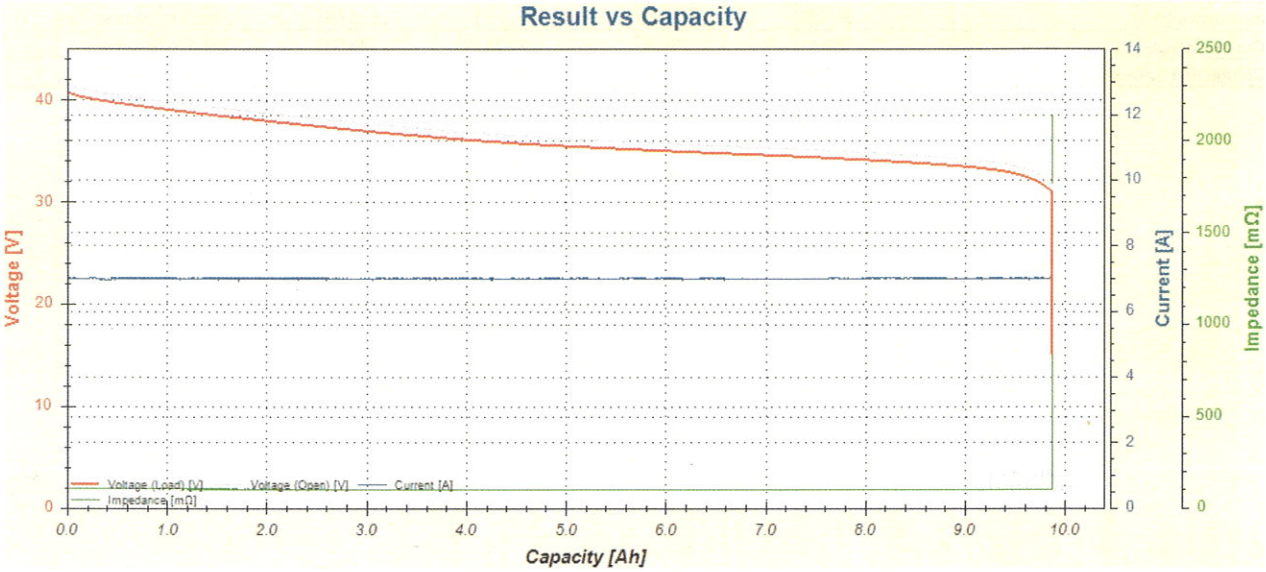
Measurement Module Results:

Time	Measurement	Value
Entering state: Discharging at 4/8/2022 9:42:46 AM		
00:02:11	Internal Resistance [Ω]	0.158
00:07:07	Internal Resistance [Ω]	0.154
00:09:34	Internal Resistance [Ω]	0.148
00:14:30	Internal Resistance [Ω]	0.142
00:21:52	Internal Resistance [Ω]	0.139
00:26:48	Internal Resistance [Ω]	0.134
00:36:38	Internal Resistance [Ω]	0.131
00:39:06	Internal Resistance [Ω]	0.128
00:48:56	Internal Resistance [Ω]	0.132
00:51:24	Internal Resistance [Ω]	0.130
00:56:19	Internal Resistance [Ω]	0.128
00:58:46	Internal Resistance [Ω]	0.131
01:03:42	Internal Resistance [Ω]	0.133
01:11:04	Internal Resistance [Ω]	0.140
01:13:32	Internal Resistance [Ω]	0.151
01:16:00	Internal Resistance [Ω]	0.168


Result vs Time
Voltage [V]
Current [A]
Impedance [mΩ]
Time (hh:mm:ss)
0:00:00
0:15:00
0:30:00
0:45:00
1:00:00
1:15:00
Voltage (Load) [V]
Voltage (Open) [V]
Current [A]
Impedance [mΩ]


Result vs Capacity
Voltage [V]
Current [A]
Impedance [mΩ]
Capacity [Ah]
0.0
2.0
4.0
6.0
8.0
10.0
Voltage (Load) [V]
Voltage (Open) [V]
Current [A]
Impedance [mΩ]


Result vs Time
Voltage [V]
Current [A]
Impedance [mΩ]
Voltage (Load) [V]
Voltage (Open) [V]
Current [A]
Impedance [mΩ]
0:00:00
0:15:00
0:30:00
0:45:00
1:00:00
1:15:00
1:30:00
Time (hh:mm:ss)


Result vs Capacity
Voltage [V]
Current [A]
Impedance [mΩ]
Voltage (Load) [V]
Voltage (Open) [V]
Current [A]
Impedance [mΩ]
0.0
1.0
2.0
3.0
4.0
5.0
6.0
7.0
8.0
9.0
10.0
Capacity [Ah]

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Battery:

Type of Battery	Custom Battery (36V - 10Ah)
Battery Serial Nr.	Polák Zbyněk 36V 10Ah z koloběžky S/NLub361020211227
Test Results	Passed

Charger:

Type of Charger	Custom Charger (42V - 2A)
Test Results	Passed

Tester:

Test Equipment	BA600 1312-1035W (v3.14.6459 (Beta))
Test Profile	Warranty Evaluation -- Repeat Count: 1
Test Date/Time	Thursday, April 7, 2022 2:11:47 PM

Test Results:

	Rated	Measured	Lower Limit	Upper Limit	%	Test Result
Energy [Wh]	360.00	354.19	288.00		98.4 %	
Capacity [Ah]	10.00	9.88	7.00		98.8 %	Passed
Impedance [mΩ]	400.00	100.93		520.00	25.2 %	Passed
Cut-off-Voltage [V]	30.43	30.86	24.35	36.52	101.4 %	Passed
Charge end Voltage [V]	42.00	0.00	39.90	44.10	0.0 %	Passed