

# BATTERY CAPACITY TEST REPORT

**Service:** Borik PLUS d.o.o. *Place:* 11070 Novi Beograd  
*Address:* Antifasisticke Borbe 8/33 *Tel/Fax:* 011/6304414  
**Client:** MHB 2V 100 AH *Place:*  
*Address:* *Tel/Fax:*

*Notice:*

**Battery:** **MHB** *Manufacturer:* *Serial number:* BP1512  
*Assembling date:* *Selling date:*  
**Cells:** [g/cm<sup>3</sup>]

*Comment:*

**Test results:** *Test device:* Gaus GSBCT25A12V

**Test parameters:**

*Test No:* TEST7 *Test date:* 19-Jul-16 *Test time:* 9:34:11 AM  
*Test current [A]:* 25.0 *Break U/Cell [V]:* 1.70 *Test duration [h:m]:* 20h 00m

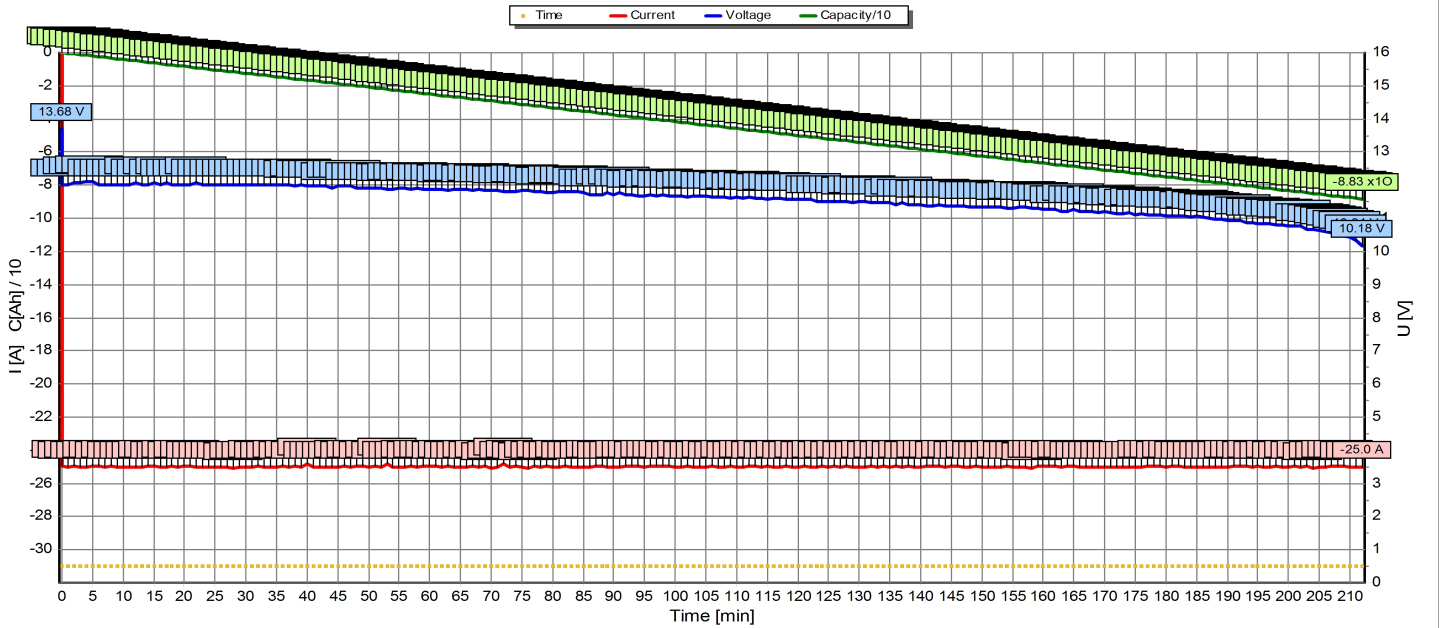
**Test result:** Fail *dT:* 3h 32 min *Ub:* 10.2 V *I:* -25 A *dC:* -88.327 Ah

**Opservation:**

*Comment:*

**Operator:** \_\_\_\_\_ **M.P.**

**Printing date:** 21-Jul-16 3:29 PM



Time[h:min]	Voltage[V]	Current[A]	Capacity[Ah]	Time[h:tmin]	Voltage[V]	Current[A]	Capacity[Ah]
Before Start	13.68	0.00	0.00	0 :00	12.00	-24.95	0.00
0 :01	12.04	-25.05	-0.42	0 :02	12.08	-24.95	-0.83
0 :03	12.08	-25.05	-1.25	0 :04	12.10	-25.00	-1.67
0 :05	12.10	-24.95	-2.08	0 :06	12.04	-24.95	-2.50
0 :07	12.04	-25.00	-2.92	0 :08	12.04	-24.95	-3.33
0 :09	12.04	-25.00	-3.75	0 :10	12.04	-25.05	-4.16
0 :11	12.04	-25.00	-4.58	0 :12	12.06	-25.05	-5.00
0 :13	12.04	-25.05	-5.42	0 :14	12.04	-24.95	-5.83
0 :15	12.06	-24.95	-6.25	0 :16	12.04	-25.00	-6.67
0 :17	12.06	-25.05	-7.08	0 :18	12.04	-24.95	-7.50

Time[h:min]	Voltage[V]	Current[A]	Capacity[Ah]	Time[h:tmin]	Voltage[V]	Current[A]	Capacity[Ah]
0 :19	12.02	-25.00	-7.92	0 :20	12.04	-24.95	-8.33
0 :21	12.04	-24.95	-8.75	0 :22	12.06	-25.05	-9.16
0 :23	12.02	-25.00	-9.58	0 :24	12.04	-25.00	-10.00
0 :25	12.04	-25.05	-10.41	0 :26	12.00	-25.00	-10.83
0 :27	12.04	-25.05	-11.25	0 :28	12.04	-25.10	-11.67
0 :29	12.02	-25.05	-12.08	0 :30	12.00	-25.00	-12.50
0 :31	12.00	-25.00	-12.92	0 :32	12.00	-24.95	-13.34
0 :33	12.02	-25.05	-13.75	0 :34	12.02	-25.05	-14.17
0 :35	12.02	-25.05	-14.59	0 :36	12.00	-24.95	-15.00
0 :37	12.02	-25.00	-15.42	0 :38	11.98	-24.95	-15.84
0 :39	12.00	-25.05	-16.25	0 :40	11.96	-24.90	-16.67
0 :41	11.96	-25.00	-17.08	0 :42	11.96	-25.00	-17.50
0 :43	11.98	-25.05	-17.92	0 :44	11.94	-25.00	-18.34
0 :45	11.98	-25.05	-18.75	0 :46	11.96	-24.95	-19.17
0 :47	11.98	-25.05	-19.59	0 :48	11.92	-24.95	-20.00
0 :49	11.92	-24.95	-20.42	0 :50	11.92	-25.00	-20.83
0 :51	11.92	-24.95	-21.25	0 :52	11.94	-25.05	-21.67
0 :53	11.90	-24.90	-22.08	0 :54	11.90	-25.05	-22.50
0 :55	11.94	-25.05	-22.92	0 :56	11.92	-25.05	-23.33
0 :57	11.90	-24.95	-23.75	0 :58	11.92	-25.05	-24.17
0 :59	11.88	-24.95	-24.59	1 :00	11.88	-24.95	-25.00
1 :01	11.88	-24.95	-25.42	1 :02	11.90	-25.05	-25.83
1 :03	11.86	-24.95	-26.25	1 :04	11.88	-25.00	-26.67
1 :05	11.90	-25.00	-27.08	1 :06	11.88	-25.05	-27.50
1 :07	11.86	-24.95	-27.92	1 :08	11.88	-25.05	-28.33
1 :09	11.84	-24.95	-28.75	1 :10	11.86	-25.10	-29.17
1 :11	11.86	-25.05	-29.58	1 :12	11.82	-24.90	-30.00
1 :13	11.82	-25.00	-30.42	1 :14	11.82	-24.95	-30.83
1 :15	11.84	-25.05	-31.25	1 :16	11.84	-25.10	-31.67
1 :17	11.80	-24.95	-32.09	1 :18	11.82	-25.05	-32.50
1 :19	11.78	-24.95	-32.92	1 :20	11.78	-25.00	-33.33
1 :21	11.80	-25.05	-33.75	1 :22	11.80	-24.95	-34.17
1 :23	11.80	-25.05	-34.58	1 :24	11.80	-25.05	-35.00
1 :25	11.76	-25.00	-35.42	1 :26	11.74	-25.05	-35.84
1 :27	11.74	-24.95	-36.25	1 :28	11.74	-24.95	-36.67
1 :29	11.76	-25.05	-37.09	1 :30	11.72	-25.00	-37.50
1 :31	11.76	-25.05	-37.92	1 :32	11.74	-24.95	-38.34
1 :33	11.72	-24.95	-38.75	1 :34	11.70	-24.95	-39.17
1 :35	11.70	-25.05	-39.58	1 :36	11.72	-24.95	-40.00
1 :37	11.68	-24.95	-40.42	1 :38	11.72	-24.95	-40.83
1 :39	11.68	-24.95	-41.25	1 :40	11.70	-25.05	-41.66
1 :41	11.70	-25.05	-42.08	1 :42	11.66	-24.95	-42.50
1 :43	11.68	-25.05	-42.92	1 :44	11.68	-25.05	-43.33
1 :45	11.68	-25.05	-43.75	1 :46	11.64	-24.95	-44.17
1 :47	11.66	-25.05	-44.58	1 :48	11.66	-25.00	-45.00
1 :49	11.62	-24.95	-45.42	1 :50	11.64	-25.05	-45.83
1 :51	11.60	-25.05	-46.25	1 :52	11.64	-24.95	-46.67
1 :53	11.60	-24.95	-47.09	1 :54	11.62	-25.05	-47.50
1 :55	11.58	-24.95	-47.92	1 :56	11.62	-25.05	-48.33
1 :57	11.62	-25.00	-48.75	1 :58	11.56	-24.95	-49.17
1 :59	11.56	-25.00	-49.58	2 :00	11.56	-25.00	-50.00
2 :01	11.56	-24.95	-50.42	2 :02	11.58	-25.00	-50.83
2 :03	11.52	-25.00	-51.25	2 :04	11.52	-24.95	-51.67
2 :05	11.54	-25.05	-52.08	2 :06	11.52	-24.95	-52.50
2 :07	11.54	-25.05	-52.92	2 :08	11.50	-24.95	-53.33
2 :09	11.48	-25.00	-53.75	2 :10	11.52	-25.05	-54.17
2 :11	11.52	-25.00	-54.58	2 :12	11.48	-24.95	-55.00
2 :13	11.46	-25.00	-55.42	2 :14	11.46	-24.95	-55.83
2 :15	11.48	-25.05	-56.25	2 :16	11.44	-24.95	-56.67
2 :17	11.48	-25.05	-57.08	2 :18	11.44	-24.95	-57.50
2 :19	11.42	-25.05	-57.91	2 :20	11.42	-25.00	-58.33
2 :21	11.40	-24.95	-58.75	2 :22	11.40	-24.95	-59.16
2 :23	11.44	-24.95	-59.58	2 :24	11.38	-25.00	-60.00
2 :25	11.40	-24.95	-60.41	2 :26	11.40	-24.95	-60.83
2 :27	11.40	-25.00	-61.24	2 :28	11.36	-25.00	-61.66
2 :29	11.36	-24.95	-62.08	2 :30	11.36	-25.00	-62.49
2 :31	11.36	-25.05	-62.91	2 :32	11.36	-25.05	-63.33
2 :33	11.34	-25.05	-63.75	2 :34	11.32	-24.95	-64.16
2 :35	11.30	-25.00	-64.58	2 :36	11.34	-25.05	-65.00
2 :37	11.34	-25.05	-65.41	2 :38	11.32	-25.10	-65.83
2 :39	11.30	-24.95	-66.25	2 :40	11.28	-24.95	-66.67

Time[h:min]	Voltage[V]	Current[A]	Capacity[Ah]	Time[h:tmin]	Voltage[V]	Current[A]	Capacity[Ah]
2 :41	11.26	-24.95	-67.08	2 :42	11.26	-24.95	-67.50
2 :43	11.24	-25.05	-67.91	2 :44	11.24	-24.95	-68.33
2 :45	11.26	-24.95	-68.75	2 :46	11.24	-25.05	-69.16
2 :47	11.22	-25.00	-69.58	2 :48	11.24	-25.00	-70.00
2 :49	11.20	-25.00	-70.41	2 :50	11.22	-25.05	-70.83
2 :51	11.20	-25.05	-71.25	2 :52	11.16	-25.00	-71.66
2 :53	11.14	-25.05	-72.08	2 :54	11.18	-25.05	-72.50
2 :55	11.12	-25.00	-72.92	2 :56	11.14	-25.05	-73.33
2 :57	11.10	-24.95	-73.75	2 :58	11.10	-24.95	-74.17
2 :59	11.10	-24.95	-74.58	3 :00	11.08	-25.00	-75.00
3 :01	11.08	-24.95	-75.41	3 :02	11.06	-24.95	-75.83
3 :03	11.06	-25.05	-76.25	3 :04	11.04	-25.05	-76.66
3 :05	11.06	-25.05	-77.08	3 :06	11.02	-25.00	-77.50
3 :07	11.00	-25.00	-77.92	3 :08	10.98	-25.00	-78.33
3 :09	10.96	-25.00	-78.75	3 :10	10.94	-25.00	-79.17
3 :11	10.94	-24.95	-79.58	3 :12	10.94	-24.95	-80.00
3 :13	10.90	-24.95	-80.41	3 :14	10.90	-25.00	-80.83
3 :15	10.86	-24.95	-81.25	3 :16	10.86	-25.00	-81.66
3 :17	10.84	-25.00	-82.08	3 :18	10.82	-24.95	-82.50
3 :19	10.80	-25.00	-82.91	3 :20	10.78	-25.00	-83.33
3 :21	10.76	-24.95	-83.74	3 :22	10.76	-25.05	-84.16
3 :23	10.70	-24.95	-84.58	3 :24	10.68	-25.10	-84.99
3 :25	10.64	-25.05	-85.41	3 :26	10.62	-25.00	-85.83
3 :27	10.58	-24.95	-86.25	3 :28	10.52	-24.95	-86.66
3 :29	10.48	-24.95	-87.08	3 :30	10.44	-25.00	-87.49
3 :31	10.34	-25.00	-87.91	3 :32	10.20	-25.00	-88.33