

### 32ah eve.pdf

Channel : 8

Device : 1

Sub Device : 1

Start Test Time : 2023-05-03 11:02:32

End Test Time : 2023-05-03 19:32:40

Nda File Name : D:\7.5.4\NdaData\160001-1-8-6570.nda

### Unit List

Current	Voltage	Capacity	Capacity Density	Energy	CmpEng	IR	Temperature	Time
A	V	Ah	Ah/kg	mWh	mWh/g	m	°C	Auto

### Test Information

Start Step ID : 1

Upper-limit Voltage : 3.7000(V)

P/N : 2023-05-03 11-02-31

Cycle counts : -

Lower-limit Voltage : 2.4000(V)

Creator : -

Upper-limit temperature : -

Upper-limit Current : -

Remark :

Voltage Measuring-range : 5V

Lower-limit Current : -

Record Condition : 60000.0ms/0.0000V/0.0000A

Current Measuring-range : +20000/-20000mA

Start-up Time : 2023-05-03 11:02:32

Battery Barcode :

### Step setting scheme

Step ID	Step Name	Time(h:min:s.ms)	Current(A)	Energy(mWh)	Power(mW)	Capacity(Ah)	Aux Record Condition	Min Vi(V)	Min Ti(oC)	Record Condition2	Single-cell Voltage	Stop Condition(V)
			End Current (A)	Change-limit Voltage(V)	Resistance(m <sup>2</sup> )	Record Condition	Max Vi(V)	Max Ti(oC)	Record Condition1	Record Condition3		
1	Rest	0:01:00.000					60000.0ms/0.0000V/0.0000A					
2	CCCV_Chg	3.6500	12.0000000	0.2000		60000.0ms/0.0000V/0.0000A						
3	Rest	0:02:00.000				60000.0ms/0.0000V/0.0000A						
4	CC_DChg	2.5000	12.0000000			60000.0ms/0.0000V/0.0000A						
5	Rest	0:02:00.000				60000.0ms/0.0000V/0.0000A						
6	CCCV_Chg	3.6500	12.0000000	0.2000		60000.0ms/0.0000V/0.0000A						
7	End											

### Cycle Data

Cycle ID	Cap_Chg(Ah)	Chg/DChg Efficiency(%)	Engy_Chg(mWh)	Engy_DChg(mWh)
1	23.9057	143.807	81441.8	110770.3
2	34.4314	0.0000	115228.4	0.0

### Step Data

Cycle ID	Step ID	Step Name	Step Time(h:min:s.ms)	Capacity(Ah)	Energy(mWh)	Start Voltage(V)	End Voltage(V)	Charge Mid-Vol(V)	Discharge Mid-Vol(V)
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1		Rest		0.0000		3.2921		0.0000	
1	1	CCCV_Chg	0:00:07.000	23.9057	0.0	3.3345	3.2921	3.3891	0.0000
1	2	Rest	2:32:08.000	0.0000	81441.8	3.6511	3.6511	0.0000	0.0000
1	3	Rest	0:02:00.000	0.0000	0.0	3.6501	3.6058	0.0000	0.0000
1	4	CC_DChg	2:51:57.000	34.3781	110770.3	3.5658	2.4953	0.0000	3.2465
1	5	Rest	0:02:00.000	0.0000	0.0	2.5229	2.6534	0.0000	0.0000
2	6	CCCV_Chg	3:01:25.000	34.4314	115228.4	2.6822	3.6511	3.3581	0.0000

## Record Data

Cycle ID	Step ID	Record ID	Time(h:min:s.ms)	Voltage(V)	Current (A)	Capacity(Ah)	Energy(mWh)	Real time
1		1		3.2921		0.0000		2023-05-03 12:02:40
1	1	2	0:00:00.000	3.2921	0.0000	0.0000	0.0	2023-05-03 11:02:47
1	1	3	0:00:07.000	3.3345	0.0000	0.0000	0.0	2023-05-03 11:02:49
1	2	4	0:00:00.000	3.3962	11.9952	0.1966	0.0	2023-05-03 11:03:49
1	2	5	0:00:59.000	3.3962	11.9965	0.3965	665.8	2023-05-03 11:04:49
1	2	6	0:01:59.000	3.3947	11.9965	0.5965	1344.9	2023-05-03 11:05:49
1	2	7	0:02:59.000	3.3928	11.9965	0.7964	2023.8	2023-05-03 11:06:49
1	2	8	0:03:59.000	3.3906	11.9952	0.9963	2702.3	2023-05-03 11:07:49
1	2	9	0:04:59.000	3.3888	11.9952	1.1996	3380.4	2023-05-03 11:08:49
1	2	10	0:06:00.000	3.3872	11.9965	1.3962	4069.4	2023-05-03 11:09:49
1	2	11	0:06:59.000	3.3872	11.9952	1.5994	4735.5	2023-05-03 11:09:49
1	2	12	0:08:00.000	3.3857	11.9952	1.7960	5423.7	2023-05-03 11:10:49
1	2	13	0:08:59.000	3.3841	11.9952	1.9960	6089.2	2023-05-03 11:11:49
1	2	14	0:09:59.000	3.3826	11.9965	1.9960	6765.6	2023-05-03 11:12:49
1	2	15	0:11:00.000	3.3813	11.9952	2.1992	7453.0	2023-05-03 11:13:49
1	2	16	0:11:59.000	3.3801	11.9952	2.3958	8117.7	2023-05-03 11:14:49
1	2	17	0:12:59.000	3.3789	11.9952	2.5957	8793.3	2023-05-03 11:15:49
1	2	18	0:13:59.000	3.3779	11.9965	2.7957	9468.7	2023-05-03 11:16:49
1	2	19	0:14:59.000	3.3770	11.9952	2.9956	10143.9	2023-05-03 11:17:49
1	2	20	0:16:00.000	3.3761	11.9965	3.1988	10830.2	2023-05-03 11:18:49
1	2	21	0:17:00.000	3.3751	11.9952	3.3988	11505.0	2023-05-03 11:19:49
1	2	22	0:17:59.000	3.3745	11.9965	3.5954	12168.5	2023-05-03 11:20:49
1	2	23	0:18:59.000	3.3739	11.9952	3.7953	12843.1	2023-05-03 11:21:49
1	2	24	0:19:59.000	3.3733	11.9952	3.9952	13517.5	2023-05-03 11:22:49
1	2	25	0:20:59.000	3.3727	11.9952	4.1951	14191.9	2023-05-03 11:23:49
1	2	26	0:21:59.000	3.3723	11.9952	4.3951	14866.1	2023-05-03 11:24:49
1	2	26	0:22:59.000	3.3720	11.9952	4.5950	15540.3	2023-05-03 11:25:49

1		27		3.3717		4.7949		2023-05-03 11:26:49
1	2	28	0:23:59.000	3.3714	11.9952	4.9948	16214.4	2023-05-03 11:27:49
1	2	29	0:24:59.000	3.3714	11.9952	5.1981	16888.5	2023-05-03 11:28:49
1	2	30	0:26:00.000	3.3711	11.9952	5.3947	17573.7	2023-05-03 11:29:49
1	2	31	0:26:59.000	3.3711	11.9952	5.5946	18236.5	2023-05-03 11:30:49
1	2	32	0:27:59.000	3.3711	11.9952	5.7945	18910.4	2023-05-03 11:31:49
1	2	33	0:28:59.000	3.3711	11.9965	5.9945	19584.4	2023-05-03 11:32:49
1	2	34	0:29:59.000	3.3711	11.9952	6.1977	20258.4	2023-05-03 11:33:49
1	2	35	0:31:00.000	3.3711	11.9952	6.3943	20943.6	2023-05-03 11:34:49
1	2	36	0:31:59.000	3.3714	11.9952	6.5942	21606.3	2023-05-03 11:35:49
1	2	37	0:32:59.000	3.3714	11.9952	6.7942	22280.3	2023-05-03 11:36:49
1	2	38	0:33:59.000	3.3717	11.9952	6.9941	22954.3	2023-05-03 11:37:49
1	2	39	0:34:59.000	3.3720	11.9952	7.1940	23628.4	2023-05-03 11:38:49
1	2	40	0:35:59.000	3.3723	11.9952	7.3939	24302.5	2023-05-03 11:39:49
1	2	41	0:36:59.000	3.3727	11.9952	7.5972	24976.7	2023-05-03 11:40:49
1	2	42	0:38:00.000	3.3733	11.9952	7.7938	25662.2	2023-05-03 11:41:49
1	2	43	0:38:59.000	3.3739	11.9952	7.9937	26325.3	2023-05-03 11:42:49
1	2	44	0:39:59.000	3.3742	11.9965	7.9937	26999.7	2023-05-03 11:43:49
1	2	45	0:40:59.000	3.3748	11.9952	8.1936	27674.3	2023-05-03 11:44:49
1	2	46	0:41:59.000	3.3758	11.9952	8.3936	28348.9	2023-05-03 11:45:49
1	2	47	0:42:59.000	3.3758	11.9952	8.5935	29023.7	2023-05-03 11:46:49
1	2	48	0:44:00.000	3.3764	11.9952	8.7967	29710.0	2023-05-03 11:47:49
1	2	49	0:44:59.000	3.3770	11.9952	8.9933	30373.8	2023-05-03 11:48:49
1	2	50	0:45:59.000	3.3779	11.9965	9.1933	31049.1	2023-05-03 11:49:49
1	2	51	0:46:59.000	3.3789	11.9952	9.3932	31724.5	2023-05-03 11:50:49
1	2	52	0:47:59.000	3.3798	11.9952	9.5931	32400.1	2023-05-03 11:51:49
1	2	53	0:48:59.000	3.3810	11.9952	9.7930	33075.9	2023-05-03 11:52:49
1	2	54	0:49:59.000	3.3820	11.9952	9.9930	33751.9	2023-05-03 11:53:49
1	2	55	0:50:59.000	3.3829	11.9952	10.1929	34428.2	2023-05-03 11:54:49
1	2	56	0:52:00.000	3.3838	11.9952	10.3962	35115.8	2023-05-03 11:55:49
1	2	57	0:52:59.000	3.3844	11.9952	10.5927	35781.1	2023-05-03 11:56:49
1	2	58	0:53:59.000	3.3854	11.9952	10.7927	36457.9	2023-05-03 11:57:49
1	2	59	0:54:59.000	3.3860	11.9952	10.9926	37134.7	2023-05-03 11:58:49
1	2	60	0:55:59.000	3.3869	11.9952	11.1925	37811.8	2023-05-03 11:59:49
1	2	61	0:56:59.000	3.3875	11.9952	11.3924	38488.9	2023-05-03 12:00:49
1	2	62	0:57:59.000	3.3882	11.9952	11.5924	39166.2	2023-05-03 12:01:49
1	2	62	0:58:59.000	3.3888	11.9952	11.7923	39843.7	2023-05-03 12:02:49

1		63		3.3891		11.9922		2023-05-03 12:02:49
1	2	64	0:59:59.000	3.3897	11.9965	12.1922	40521.2	2023-05-03 12:03:49
1	2	65	1:00:59.000	3.3903	11.9952	12.3921	41198.9	2023-05-03 12:04:49
1	2	66	1:01:59.000	3.3906	11.9965	12.5920	41876.6	2023-05-03 12:05:49
1	2	67	1:02:59.000	3.3916	11.9965	12.7919	42554.5	2023-05-03 12:06:49
1	2	68	1:03:59.000	3.3922	11.9952	12.9919	43232.5	2023-05-03 12:07:49
1	2	69	1:04:59.000	3.3925	11.9952	13.1918	43910.6	2023-05-03 12:08:49
1	2	70	1:05:59.000	3.3931	11.9952	13.3917	44588.8	2023-05-03 12:09:49
1	2	71	1:06:59.000	3.3934	11.9952	13.5916	45267.1	2023-05-03 12:10:49
1	2	72	1:07:59.000	3.3940	11.9952	13.7916	45945.5	2023-05-03 12:11:49
1	2	73	1:08:59.000	3.3944	11.9952	13.9915	46624.0	2023-05-03 12:12:49
1	2	74	1:09:59.000	3.3950	11.9952	14.1914	47302.6	2023-05-03 12:13:49
1	2	75	1:10:59.000	3.3953	11.9952	14.3913	47981.3	2023-05-03 12:14:49
1	2	76	1:11:59.000	3.3959	11.9965	14.5913	48660.1	2023-05-03 12:15:49
1	2	77	1:12:59.000	3.3965	11.9965	14.7912	49339.0	2023-05-03 12:16:49
1	2	78	1:13:59.000	3.3968	11.9965	14.9911	50017.9	2023-05-03 12:17:49
1	2	79	1:14:59.000	3.3975	11.9952	15.1944	50697.0	2023-05-03 12:18:49
1	2	80	1:16:00.000	3.3981	11.9952	15.3910	51387.5	2023-05-03 12:19:49
1	2	81	1:16:59.000	3.3987	11.9952	15.5909	52055.5	2023-05-03 12:20:49
1	2	82	1:17:59.000	3.3993	11.9952	15.7942	52734.9	2023-05-03 12:21:49
1	2	83	1:19:00.000	3.3996	11.9965	15.9908	53425.7	2023-05-03 12:22:49
1	2	84	1:19:59.000	3.4002	11.9965	16.1907	54094.1	2023-05-03 12:23:49
1	2	85	1:20:59.000	3.4015	11.9952	16.3906	54773.8	2023-05-03 12:24:49
1	2	86	1:21:59.000	3.4021	11.9952	16.5906	55453.8	2023-05-03 12:25:49
1	2	87	1:22:59.000	3.4027	11.9952	16.7905	56133.9	2023-05-03 12:26:49
1	2	88	1:23:59.000	3.4037	11.9952	16.9904	56814.1	2023-05-03 12:27:49
1	2	89	1:24:59.000	3.4043	11.9952	17.1903	57494.4	2023-05-03 12:28:49
1	2	90	1:25:59.000	3.4052	11.9952	17.3903	58175.0	2023-05-03 12:29:49
1	2	91	1:26:59.000	3.4061	11.9965	17.5902	58855.7	2023-05-03 12:30:49
1	2	92	1:27:59.000	3.4071	11.9952	17.7901	59536.6	2023-05-03 12:31:49
1	2	93	1:28:59.000	3.4080	11.9952	17.9934	60217.6	2023-05-03 12:32:49
1	2	94	1:30:00.000	3.4089	11.9952	18.1900	60910.2	2023-05-03 12:33:49
1	2	95	1:30:59.000	3.4099	11.9952	18.3899	61580.3	2023-05-03 12:34:49
1	2	96	1:31:59.000	3.4111	11.9952	18.5898	62261.9	2023-05-03 12:35:49
1	2	97	1:32:59.000	3.4126	11.9965	18.7897	62943.8	2023-05-03 12:36:49
1	2	98	1:33:59.000	3.4139	11.9952	18.9897	63625.9	2023-05-03 12:37:49
1	2		1:34:59.000		11.9952		64308.3	

1		99		3.4151		19.1896		2023-05-03 12:38:49
1	2	100	1:35:59.000	3.4164	11.9952	19.3895	64990.9	2023-05-03 12:39:49
1	2	101	1:36:59.000	3.4179	11.9952	19.5894	66673.8	2023-05-03 12:40:49
1	2	102	1:37:59.000	3.4195	11.9952	19.7894	66357.0	2023-05-03 12:41:49
1	2	103	1:38:59.000	3.4213	11.9952	19.9893	67040.4	2023-05-03 12:42:49
1	2	104	1:39:59.000	3.4235	11.9952	20.1925	67724.3	2023-05-03 12:43:49
1	2	105	1:41:00.000	3.4260	11.9952	20.3925	68419.9	2023-05-03 12:44:49
1	2	106	1:42:00.000	3.4285	11.9952	20.5890	69104.6	2023-05-03 12:45:49
1	2	107	1:42:59.000	3.4309	11.9952	20.7890	69778.3	2023-05-03 12:46:49
1	2	108	1:43:59.000	3.4347	11.9952	20.9889	70464.0	2023-05-03 12:47:49
1	2	109	1:44:59.000	3.4381	11.9952	21.1888	71150.3	2023-05-03 12:48:49
1	2	110	1:45:59.000	3.4424	11.9952	21.3921	71837.2	2023-05-03 12:49:49
1	2	111	1:47:00.000	3.4471	11.9952	21.5886	72536.4	2023-05-03 12:50:49
1	2	112	1:47:59.000	3.4536	11.9952	21.7886	73213.6	2023-05-03 12:51:49
1	2	113	1:48:59.000	3.4607	11.9952	21.9885	73903.4	2023-05-03 12:52:49
1	2	114	1:49:59.000	3.4700	11.9952	22.1917	74594.4	2023-05-03 12:53:49
1	2	115	1:51:00.000	3.4836	11.9952	22.3883	75298.8	2023-05-03 12:54:49
1	2	116	1:51:59.000	3.5029	11.9952	22.5882	75982.2	2023-05-03 12:55:49
1	2	117	1:52:59.000	3.5345	11.9952	22.7915	76680.3	2023-05-03 12:56:49
1	2	118	1:54:00.000	3.5943	11.9952	22.9881	77395.2	2023-05-03 12:57:49
1	2	119	1:55:59.000	3.6507	9.2857	23.1752	78095.3	2023-05-03 12:58:49
1	2	120	1:57:00.000	3.6507	6.5513	23.3075	78774.8	2023-05-03 12:59:49
1	2	121	1:57:59.000	3.6507	4.8821	23.4002	79257.8	2023-05-03 13:00:49
1	2	122	1:58:59.000	3.6507	3.7512	23.4717	79596.3	2023-05-03 13:01:49
1	2	123	1:59:59.000	3.6507		23.5275	79857.3	2023-05-03 13:02:49
1	2	124	2:00:59.000	3.6511	2.9712	23.5722	80061.0	2023-05-03 13:03:49
1	2	125	2:01:59.000	3.6507	2.3970	23.6089	80224.3	2023-05-03 13:04:49
1	2	126	2:02:59.000	3.6507	1.9928	23.6395	80358.1	2023-05-03 13:05:49
1	2	127	2:03:59.000	3.6511	1.6703	23.6655	80469.9	2023-05-03 13:06:49
1	2	128	2:04:59.000	3.6511	1.4484	23.6879	80564.8	2023-05-03 13:07:49
1	2	129	2:05:59.000	3.6511	1.2549	23.7075	80646.6	2023-05-03 13:08:49
1	2	130	2:06:59.000	3.6511	1.0987	23.7248	80718.1	2023-05-03 13:09:49
1	2	131	2:07:59.000	3.6511	0.9747	23.7402	80781.3	2023-05-03 13:10:49
1	2	132	2:08:59.000	3.6511	0.8692	23.7541	80837.7	2023-05-03 13:11:49
1	2	133	2:09:59.000	3.6511	0.7899	23.7666	80888.3	2023-05-03 13:12:49
1	2	134	2:10:59.000	3.6511	0.7105	23.7781	80934.1	2023-05-03 13:13:49
1	2				0.6609		80975.9	

1		135		3.6511		23.7886		81014.2	2023-05-03 13:14:49
1	2	136	2:11:59.000	3.6511	0.6001	23.7983		81049.7	2023-05-03 13:15:49
1	2	137	2:12:59.000	3.6511	0.5654	23.8073		81082.5	2023-05-03 13:16:49
1	2	138	2:13:59.000	3.6511	0.5220	23.8157		81113.1	2023-05-03 13:17:49
1	2	139	2:14:59.000	3.6511	0.4861	23.8235		81141.6	2023-05-03 13:18:49
1	2	140	2:15:59.000	3.6511	0.4551	23.8308		81168.5	2023-05-03 13:19:49
1	2	141	2:16:59.000	3.6511	0.4216	23.8378		81193.8	2023-05-03 13:20:49
1	2	142	2:17:59.000	3.6511	0.4092	23.8443		81217.6	2023-05-03 13:21:49
1	2	143	2:18:59.000	3.6511	0.3745	23.8504		81240.0	2023-05-03 13:22:49
1	2	144	2:19:59.000	3.6511	0.3608	23.8563		81261.3	2023-05-03 13:23:49
1	2	145	2:20:59.000	3.6511	0.3435	23.8619		81281.8	2023-05-03 13:24:49
1	2	146	2:22:00.000	3.6511	0.3174	23.8671		81301.0	2023-05-03 13:25:49
1	2	147	2:23:00.000	3.6511	0.3187	23.8721		81319.1	2023-05-03 13:26:49
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1	2	151	2:26:59.000	3.6511	0.2517	23.8901		81384.9	2023-05-03 13:30:49
1	2	152	2:28:00.000	3.6511	0.2529	23.8940		81399.3	2023-05-03 13:31:49
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1	2	155	2:31:00.000	3.6511	0.2170	23.9052		81439.9	2023-05-03 13:34:49
1	2	156	2:31:59.000	3.6511	0.2070	23.9057		81441.8	2023-05-03 13:34:57
1	2	157	2:32:08.000	3.6511	0.1996	23.9057		81441.8	2023-05-03 13:34:57
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1	3	162	0:02:00.000	3.5658	0.0000	0.0000		0.0	2023-05-03 13:36:59
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1	4	204	0:41:59.000	3.2769	-11.9952	8.5933	27579.6	2023-05-03 14:19:59
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1	4	318	2:35:55.000	3.1408	-11.9965	31.3692	101153.0	2023-05-03 16:13:59
1	4	319	2:36:54.000	3.1370	-11.9965	31.5725	101770.8	2023-05-03 16:14:59
1	4	320	2:37:55.000	3.1324	-11.9952	31.7691	102408.8	2023-05-03 16:15:59
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1	4	323	2:40:54.000	3.1014	-11.9965	32.3689	104274.7	2023-05-03 16:18:59
1	4	324	2:41:54.000	3.0819	-11.9965	32.5688	104896.3	2023-05-03 16:19:59
1	4	325	2:42:54.000	3.0586	-11.9952	32.7687	105514.5	2023-05-03 16:20:59
1	4	326	2:43:54.000	3.0316	-11.9952	32.9653	106128.4	2023-05-03 16:21:59
1	4	327	2:44:53.000	3.0003	-11.9952	33.1652	106727.2	2023-05-03 16:22:59
1	4	328	2:45:53.000	2.9640	-11.9952	33.3652	107330.3	2023-05-03 16:23:59
1	4	329	2:46:53.000	2.9206	-11.9952	33.5651	107926.7	2023-05-03 16:24:59
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1	4	332	2:49:54.000	2.7033	-11.9952	34.1648	109670.4	2023-05-03 16:27:59
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2	6	481	2:20:51.000	3.3968	11.9965	28.3613	93754.9	2023-05-03 18:53:04
2	6	482	2:21:51.000	3.3971	11.9965	28.5613	94434.0	2023-05-03 18:54:04
2	6	483	2:22:51.000	3.3975	11.9965	28.7612	95113.2	2023-05-03 18:55:04
2	6	484	2:23:51.000	3.3981	11.9965	28.9645	95792.5	2023-05-03 18:56:04
2	6	485	2:24:52.000	3.3987	11.9965	29.1611	96483.2	2023-05-03 18:57:04
2	6	486	2:25:51.000	3.3990	11.9965	29.3610	97151.3	2023-05-03 18:58:04
2	6	487	2:26:51.000	3.3996	11.9965	29.5610	97830.9	2023-05-03 18:59:04
2	6	488	2:27:51.000	3.4002	11.9965	29.7609	98510.6	2023-05-03 19:00:04
2	6	489	2:28:51.000	3.4009	11.9965	29.9608	99190.4	2023-05-03 19:01:04
2	6	490	2:29:51.000	3.4021	11.9965	30.1608	99870.3	2023-05-03 19:02:04
2	6	491	2:30:51.000	3.4027	11.9965	30.3541	100550.4	2023-05-03 19:03:04
2	6	492	2:31:49.000	3.4037	11.9965	30.5540	101208.0	2023-05-03 19:04:04
2	6	493	2:32:49.000	3.4046	11.9965	30.7539	101888.4	2023-05-03 19:05:04
2	6	494	2:33:49.000	3.4055	11.9965	30.9539	102569.0	2023-05-03 19:06:04
2	6		2:34:49.000		11.9965		103249.8	

2		495		3.4064		31.1538		2023-05-03 19:07:04
2	6	496	2:35:49.000	3.4077	11.9965	31.3538	103930.8	2023-05-03 19:08:04
2	6	497	2:36:49.000	3.4089	11.9965	31.5537	104612.0	2023-05-03 19:09:04
2	6	498	2:37:49.000	3.4105	11.9965	31.7537	105293.5	2023-05-03 19:10:04
2	6	499	2:38:49.000	3.4123	11.9965	31.9536	105975.2	2023-05-03 19:11:04
2	6	500	2:39:49.000	3.4142	11.9965	32.1535	106657.3	2023-05-03 19:12:04
2	6	501	2:40:49.000	3.4164	11.9965	32.3535	107339.7	2023-05-03 19:13:04
2	6	502	2:41:49.000	3.4185	11.9965	32.5534	108022.5	2023-05-03 19:14:04
2	6	503	2:42:49.000	3.4213	11.9965	32.7500	108705.8	2023-05-03 19:15:04
2	6	504	2:43:48.000	3.4254	11.9965	32.9500	109378.2	2023-05-03 19:16:04
2	6	505	2:44:48.000	3.4294	11.9965	33.1499	110062.6	2023-05-03 19:17:04
2	6	506	2:45:48.000	3.4353	11.9965	33.3499	110747.9	2023-05-03 19:18:04
2	6	507	2:46:48.000	3.4433	11.9965	33.5498	111434.2	2023-05-03 19:19:04
2	6	508	2:47:48.000	3.4557	11.9965	33.7497	112121.8	2023-05-03 19:20:04
2	6	509	2:48:48.000	3.4790	11.9965	33.9530	112811.4	2023-05-03 19:21:04
2	6	510	2:49:49.000	3.5484	11.9965	34.1496	113515.9	2023-05-03 19:22:04
2	6	511	2:50:48.000	3.6511	11.9965	34.3030	114205.2	2023-05-03 19:23:04
2	6	512	2:51:48.000	3.6511	4.5486	34.3526	114759.4	2023-05-03 19:24:04
2	6	513	2:52:48.000	3.6511	1.9332	34.3768	114940.5	2023-05-03 19:25:04
2	6	514	2:53:48.000	3.6511	1.0999	34.3916	115029.0	2023-05-03 19:26:04
2	6	515	2:54:48.000	3.6511	0.7155	34.4018	115083.0	2023-05-03 19:27:04
2	6	516	2:55:48.000	3.6511	0.5233	34.4095	115120.2	2023-05-03 19:28:04
2	6	517	2:56:48.000	3.6511	0.4104	34.4157	115148.3	2023-05-03 19:29:04
2	6	518	2:57:48.000	3.6511	0.3360	34.4208	115170.9	2023-05-03 19:30:04
2	6	519	2:58:48.000	3.6511	0.2852	34.4253	115189.7	2023-05-03 19:31:04
2	6	520	2:59:48.000	3.6511	0.2591	34.4292	115205.9	2023-05-03 19:32:04
2	6	521	3:00:48.000	3.6511	0.2170	34.4314	115220.3	2023-05-03 19:32:40
2	6	521	3:01:25.000	3.6511	0.1996	34.4314	115228.4	2023-05-03 19:32:40

## Curver



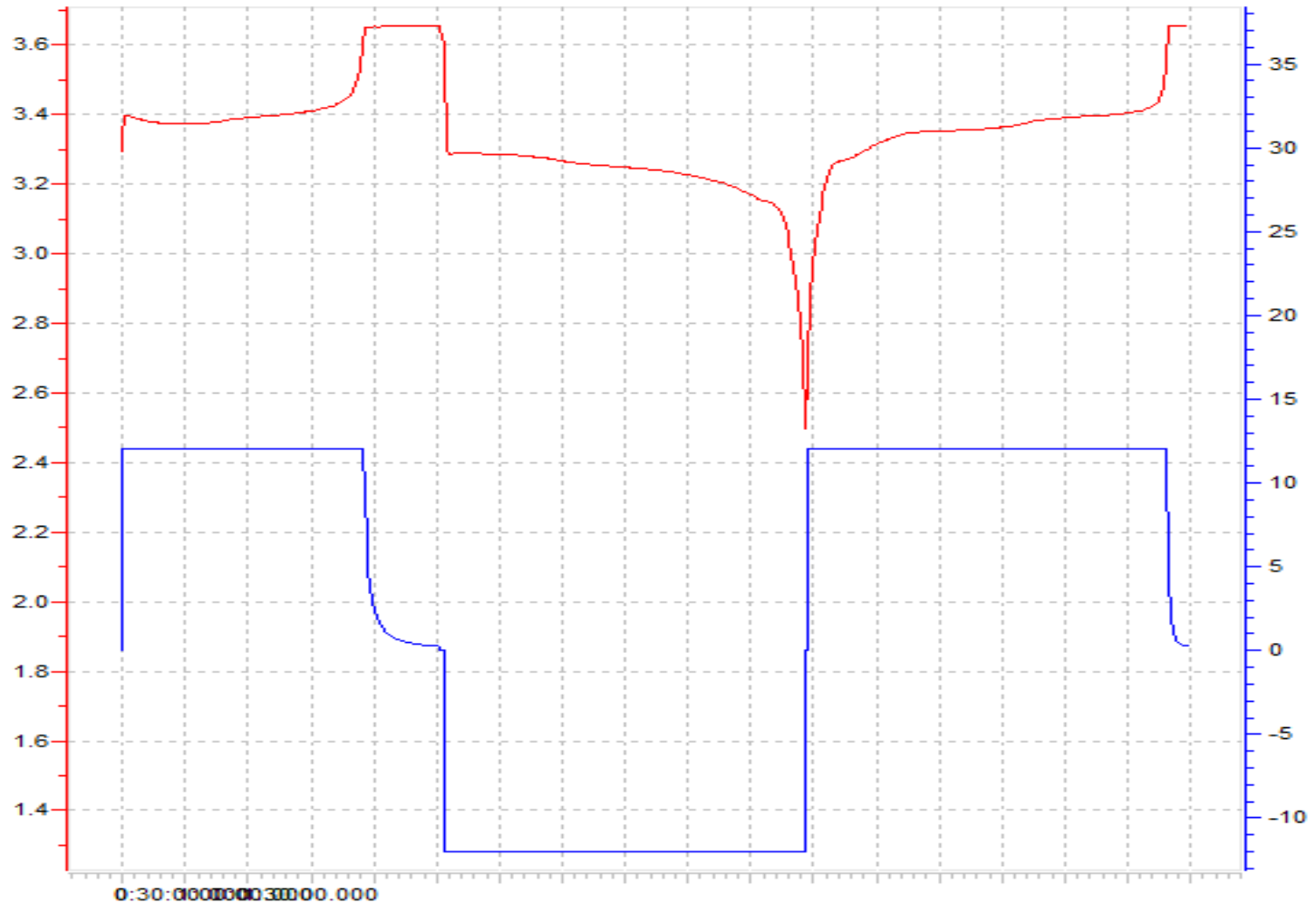
Time--Voltage&&Current

Y2: Voltage(V)

Y3: Current(A)

Y2

Y3



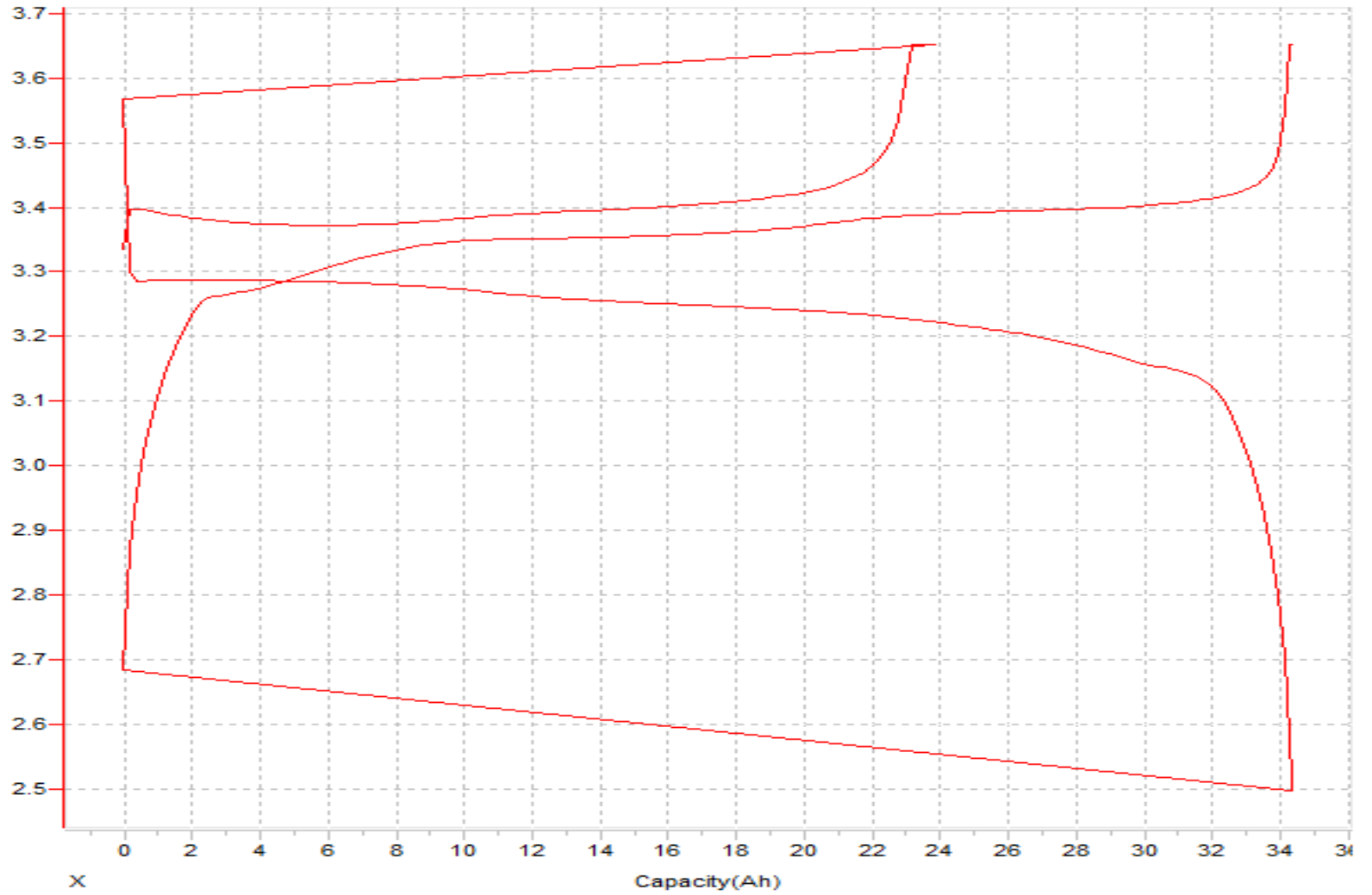
X

Time(h:min:s.ms)

Capacity--Voltage

Y2: Voltage(V)

Y2



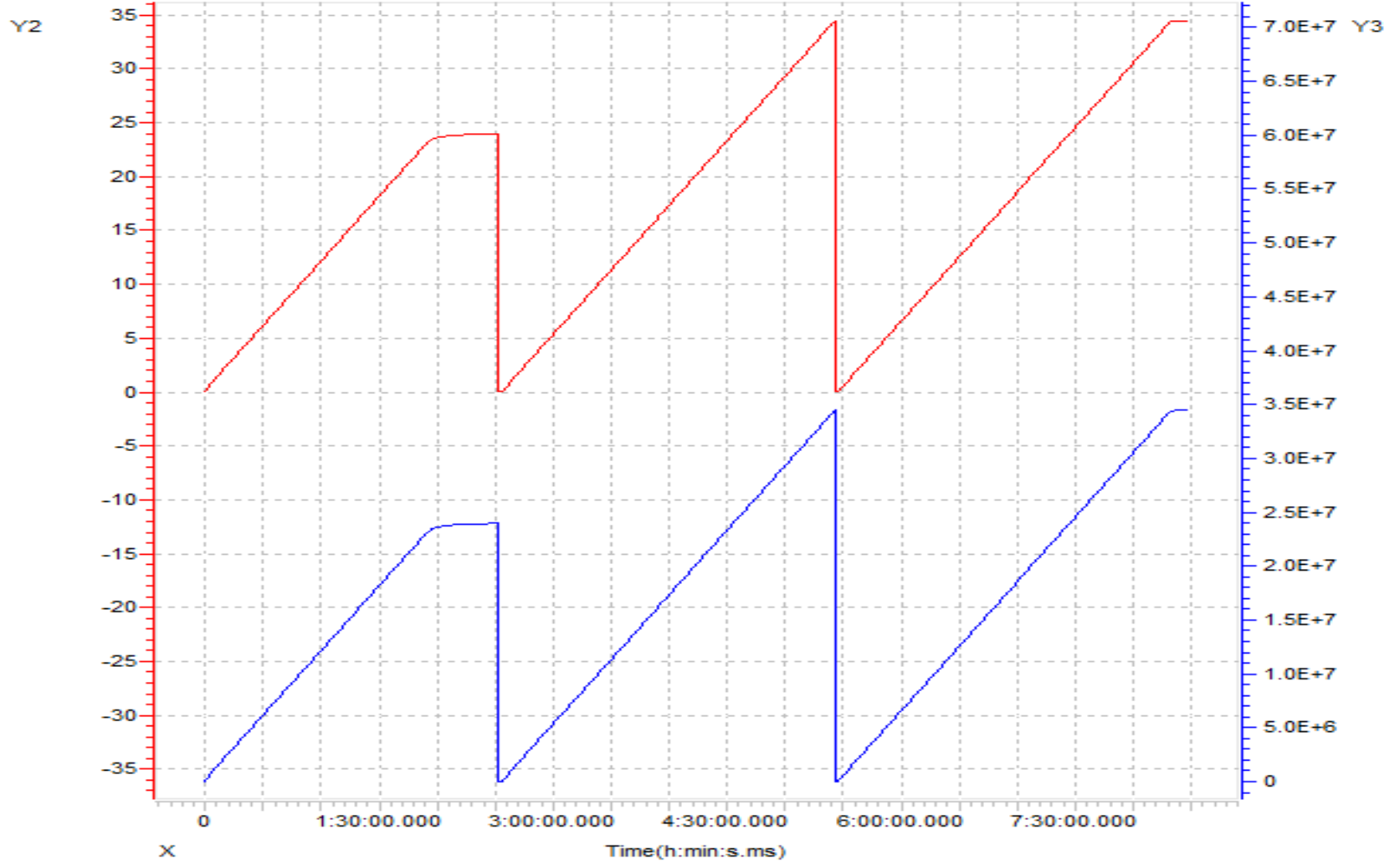
X

Capacity(Ah)

Time--Capacity&&Capacity Density

Y2:Capacity(Ah)

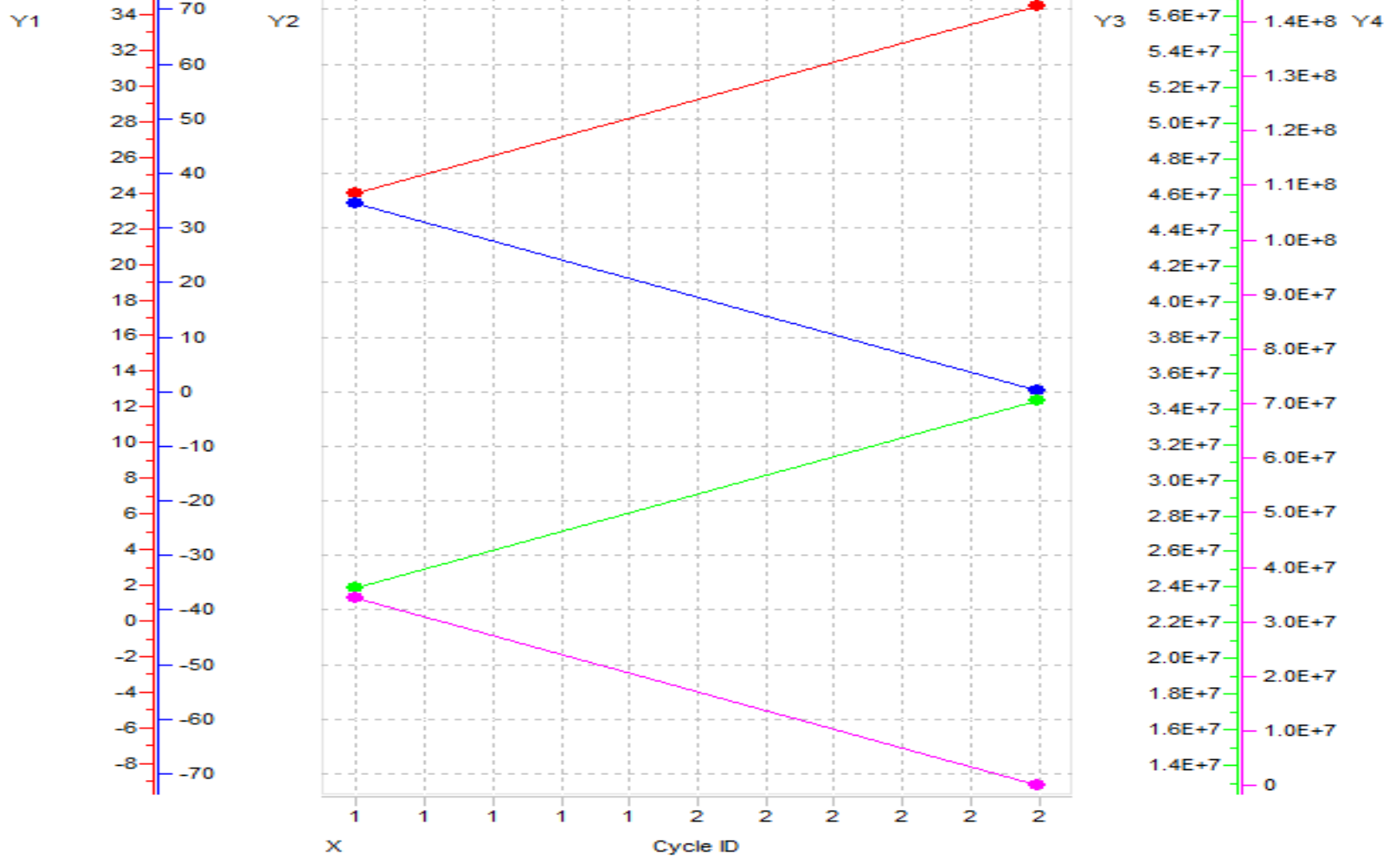
Y3:Capacity Density(Ah/kg)



Cycle ID--Cap\_Chg&&Cap\_DChg&&Specific Capacity-Chg&&Specific Capacity-Dchg

Y2:Cap\_DChg(Ah)  
Y1:Cap\_Chg(Ah)

Y4:Specific Capacity-Dchg(Ah)  
Y3:Specific Capacity-Chg(Ah)



Cycle ID--Chg/DChg Efficiency

Y2:Chg/DChg Efficiency

Y2

