

Day		Tuesday	Tuesday	Tuesday	Tuesday	Wednesday	Wednesday	Thursday	Thursday	Sunday	Monday	Monday	Tuesday	Wednesday	Wednesday	Thursday
Amp meter	-	3A max	3A max	3A max	3A max	3A max	3A max	3A max	3A max	3A max	3A max	3A max	3A max	3A max	3A max	3A max
Temp / Humidity	C / %	21 / 68	21 / 56	20 / 61	20 / 64	20 / 67	20 / 68	19 / 66	20 / 69	21 / 85	21 / 70	21 / 81	22 / 95	21 / 95	22 / 95	22 / 95
Started @	hour.min	??	17.01	16.36	21.09	15.32	21.2	11.33	16.05	12.27	13.32	20.1	15.16	12.08	17.15	11.55
Stopped @	hour.min	??	18.03	17.19	??	16.19	22.08	12.18	16.5	13.24	14.36	21.09	16.11	13.05	18.13	12.49
Stopwatch	min	55	??	42.75	50	47	48.25	45	45	57	62	58	55	56.5	57	53.75

Cycle		C210601	C210602	C210603	C210604	C210605	C210606	C210607	C210608	C210701	C210702	C210703	C210704	C210705	C210706	C210707
Date	-	2021-06-15	2021-06-15	2021-06-22	2021-06-22	2021-06-23	2021-06-23	2021-06-24	2021-06-24	2021-07-11	2021-07-12	2021-07-12	2021-07-13	2021-07-14	2021-07-14	2021-07-15
Rotor magnets, amount/width	-/mm	21 / 22mm	21 / 22mm	21 / 22mm	21 / 22mm	21 / 22mm	21 / 22mm	21 / 22mm	21 / 22mm	21 / 22mm	21 / 22mm	21 / 22mm	21 / 22mm	21 / 22mm	21 / 22mm	21 / 22mm
Gap	mm	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
Mode	-	CG	CG	CG	CG	CG	CG	CG	CG	CG	CG	CG	CG	CG	CG	CG
Power coils	-	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
Flywheel weight	kg	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Output battery	ID-type	X1 (AGM/12Ah)	X1 (AGM/12Ah)	X1 (AGM/12Ah)	X1 (AGM/12Ah)	X1 (AGM/12Ah)	X1 (AGM/12Ah)	X1 (AGM/12Ah)	X1 (AGM/12Ah)	LA2 (Flooded/24Ah)	LA2 (Flooded/24Ah)	LA2 (Flooded/24Ah)	LA1 (Flooded/24Ah)	LA1 (Flooded/24Ah)	LA1 (Flooded/24Ah)	LA1 (Flooded/24Ah)
Output voltage @ rest, before/after testing	V	12.54 / 12.89	12.57 / 12.92	12.60 / 12.90	12.57 / ??	12.59 / 12.91	12.58 / 12.93	12.58 / 12.92	12.57 / 12.91	12.58 / 12.8	12.56 / 12.82	12.56 / 12.70*	12.68 / ??	12.62 / 12.9	12.61 / 12.88	12.6 / 12.85*
Input battery 1	ID-type	LA1 (Flooded/24Ah)	LA1 (Flooded/24Ah)	LA1 (Flooded/24Ah)	LA1 (Flooded/24Ah)	LA1 (Flooded/24Ah)	LA1 (Flooded/24Ah)	LA1 (Flooded/24Ah)	LA1 (Flooded/24Ah)	LA1 (Flooded/24Ah)	LA1 (Flooded/24Ah)	LA1 (Flooded/24Ah)	LA2 (Flooded/24Ah)	LA2 (Flooded/24Ah)	LA2 (Flooded/24Ah)	LA2 (Flooded/24Ah)
Input voltage 1 @ rest, before/after testing	V	12.50 / 12.31	12.61 / 12.31	12.90 / 12.61	12.96 / ??	12.89 / 12.59	12.90 / 12.58	12.93 / 12.59	12.98 / 12.65	12.74 / 12.58	12.90 / 12.56	12.80 / 12.59*	12.88 / ??	12.83 / 12.53	12.85 / 12.35	12.87 / 12.54*
Input battery 2	ID-type	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Input voltage 2 @ rest, before/after testing	V	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Input parallel voltage (bat 1 + bat 2)	V	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Input voltage @ start running	V	12.14	12.24	12.4	12.46	12.4	12.44	12.47	12.46	12.23	12.45	12.41	12.3	12.35	12.37	12.39
Input voltage @ end running	V	11.99	11.99	12.26	??	12.25	12.24	12.26	12.28	12.21	12.23	12.26	12.23	12.23	12.23	12.24
Amp @ start	A	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Amp @ end	A	1.75	1.72	1.7	1.6	1.62	1.62	1.61	1.62	1.7	1.6	1.61	1.62	1.6	1.62	1.62
RPM @ start/end	rpm	242 / 266	240 / 262	240 / 265	236 / 265	240 / 265	236 / 265	236 / 260	234 / 262	234 / 264	229 / 264	230 / 263	232 / 264	231 / 264	231 / 264	231 / 264
Time to charge to 15.3V	min	55	??	42.75	50	47	48.25	45	45	57	62	58	55	56.5	57	53.75
Ah to charge to 15.3V	Ah	1.72	#VALUE!	1.32	1.50	1.42	1.46	1.35	1.36	1.76	1.86	1.74	1.66	1.70	1.72	1.62
COP	-	0.58	#VALUE!	0.76	0.67	0.71	0.69	0.74	0.74	0.57	0.54	0.57	0.60	0.59	0.58	0.62

Variable resistance	Ohm	??	??	??	??	??	??	??	67.9	67	71.2	70.1	69.5	69.9	68.2	36.1
Average amperage	A	1.875	1.86	1.85	1.8	1.81	1.81	1.805	1.81	1.85	1.8	1.805	1.81	1.8	1.81	1.81
Time factor	-	0.92	#VALUE!	0.71	0.83	0.78	0.80	0.75	0.75	0.95	1.03	0.97	0.92	0.94	0.95	0.90
Correction factor		Goal: Establish new baseline set. -- Stopped after 55 min since the voltage in the output batt. stuck at 15.06V.	Goal: Establish new baseline set. -- Stopped after 1 hour since the voltage in the output batt. stuck at 14.61V.	After LA1 has been charged at least 6x with Radiant Charger. Goal: Establish new baseline set. Left amp meter on all the time (forgot to it switch off).	Set the timer wrong... X1 was already at 15.36V (and declining) when I looked after 50min.			Goal: See if COP improved when charging Output battery to 15V iso 15.3V. (for this test output battery in previous run C210606 was astil lcharged to 15.3V). COP was in range with previous tests, I expected it to be higher since it was charged to 15V while previously charged to 15 V	Goal: See if COP improved when charging Output battery to 15V iso 15.3V.	Goal: 1st run with LA batteries both at input and output. Charged LA1 yesterday / Discharged LA2 yesterday. Note: LA1 sits about 0.2V lower at rest before start than normally. Had to adjust te variable resistor to 67-Ohm to set the amps @ start at 2amp. After 57min stopped the run since LA2 was only at 15.02V...	Goal: 2nd run with LA batteries both at input and output. Since LA2 was only charged to 15.02V, it was charged to 15.01V (instead of 15.3V)	Goal: 3rd run with LA batteries both at input and output. Since LA2 was only charged to 15.01V, it was charged to 15.01V (instead of 15.3V) *measured next day (not after +/- 1hour, as I normally do)	Goal: 1st run with LA batteries swapped: LA1@ output, LA2@ input. LA1 was charged to 15.3V before discharging 1Ah out of it. Stopped after 55min.@15.12 output battery (LA1)	Goal: 2nd run with LA batteries swapped: LA1@ output, LA2@ input. LA1 was charged to 15.12V in previous test. Charged to 15.12V in this test.	Goal: 3rd run with LA batteries swapped: LA1@ output, LA2@ input. LA1 was charged to 15.12V in previous test. Charged to 15.12V in this test.	Goal: 1st run with TeslaGenX PCB. LA1 was charged to 15.12V in previous test. Charged to 15.12V in this test. * After 2.5hours (instead of 1)