

| | | | | New Baseline | |
|---|----------|--|--|---|--|
| Day | | | | Saturday | Saturday |
| Amp meter | - | | | 3A max | 3A max |
| Temp / Humidity | C / % | | | 16 / 58 | 15 / 57 |
| Started @ | hour.min | | | 8.31 | 13.17 |
| Stopped @ | hour.min | | | 9.33 | ?? |
| Stopwatch | min | | | 62 | 59.25 |
| Cycle | - | | | C220401 | C220402 |
| Date | - | | | 2022-04-30 | 2022-04-30 |
| Rotor magnets, amount/width | -/mm | | | Rotor 3, 21 / 22mm | Rotor 3, 21 / 22mm |
| Gap | mm | | | 6 | 6 |
| Mode | - | | | CG | CG |
| Power coils | - | | | 8 | 8 |
| Flywheel weight | kg | | | N/A | N/A |
| Output battery | ID-type | | | S1 (FLA 30Ah) | S1 (FLA 30Ah) |
| Output voltage @ rest, before/after testing | V | | | 12.84 / 13.10 | 12.81 / 13.10 |
| Input battery | ID-type | | | S2 + S3 (FLA 60Ah) | S2 + S3 (FLA 60Ah) |
| Input voltage @ rest, before/after testing | V | | | 12.91 / 12.80 | 13.14 / 12.80 |
| Input voltage @ start running | V | | | 12.62 | 12.85 |
| Input voltage @ end running | V | | | 12.55 | 12.55 |
| Amp @ start | A | | | 1.61 | 1.68 |
| Amp @ end | A | | | 1.4 | 1.39 |
| RPM @ start/end | rpm | | | 236 / 266 | 228 / 266 |
| Time to charge to 15.3V | min | | | 62 | 59.25 |
| Ah to charge to 15.3V * | Ah | | | 1.52 | 1.52 |
| COP | - | | | 0.66 | 0.66 |
| (Variable) Resistance | Ohm | | | 57.9 (fixed resistors) | 57.9 (fixed resistors) |
| Average amperage | A | | | 1.505 | 1.535 |
| Time factor | - | | | 1.03 | 0.99 |
| Correction factor | | | | 1.03 | |
| "...@ start" = after +/- 2min of running. "...@ end" = when output batt. Is 15.3V "...@ rest after testing" = 1 hour after run has finished | | | Charged output battery to 15V (TGX 1500uF charger). Discharge rate of output battery 1A. 1) Ideal procedure: 1: Charge output battery (with 1500uF TGX charger) | Discharged output battery previous evening @1A. Discharged 1.026Ah (iso 1Ah), Charged input batteries also last night. 2) | Time between discharge output battery and start SG run: 1.5h. Left amp meter on during the whole run. 2) Conclud would since input start f 3) |

Reason/purpose of cycle(s) serie

Cycle ID

Input V measured after 2min of running

Input V measured at reaching end voltage*

Input A measured after 2min of running

Input A measured at reaching end voltage*

Total running time to end voltage*

COP = 1Ah / Ah to to end voltage*

Remarks sections

1) remarks how the test will be performed

2) remarks specific to that cycle

3) conclusions of cycle(s) serie

*In previous tests I always charged to 15.3V, in more recent test I generally test to 15V, or sometimes even less, normally I indicate this in any of the remark sections