

## New Ceramic resistors Trigger circuit 49.7ohm: 3x15ohm + 1x4.7ohm

		Friday	Saturday	Sunday	Monday	Tuesday
Day	-					
Amp meter	-	2A max (round)	2A max (round)	2A max (round)	2A max (round)	2A max (round)
Temp / Humidity	C / %	17 / 85	17 / 84	17 / 83	17 / 83	?? / ??
Started @	hour.min	10.59.32	09.57.17	??	19.13.52	19.04.45
Stopped @	hour.min	11.48.01	10.46.25	1.07.50	20.3.01	19.56
Stopwatch	min	48.5	49.25	52	49.25	51.25

Cycle	-
Date	-
Rotor magnets, amount/width	-/mm
Gap	mm
Mode	-
Power coils	-
Flywheel weight	kg
Output battery	ID-type
Output voltage @ rest, before/after testing	V
Input battery	ID-type
Input voltage @ rest, before/after testing	V
Input voltage @ start running	V
Input voltage @ end running	V
Amp @ start	A
Amp @ end	A
RPM @ start/end	rpm
Time to charge to 15.3V	min
<b>Ah to charge to 15.3V</b>	<b>Ah</b>
COP	-

C221001	C221002	C221003	C221004	C221005
2022-10-21	2022-10-22	2022-10-23	2022-10-24	2022-10-25
Rotor 3, 21 / 22mm	Rotor 3, 21 / 22mm	Rotor 3, 21 / 22mm	Rotor 3, 21 / 22mm	Rotor 3, 21 / 22mm
6	6	6	6	6
CG	CG	CG	CG	CG
8	8	8	8	8
N/A	N/A	N/A	N/A	N/A
S1 (FLA 30Ah)	S1 (FLA 30Ah)	S1 (FLA 30Ah)	S1 (FLA 30Ah)	S1 (FLA 30Ah)
12.81 / 13.10	12.80 / 13.10	12.78 / 13.10	12.78 / 13.10	12.77 / 13.10
S2 + S3 (FLA 60Ah)	S2 + S3 (FLA 60Ah)	S2 + S3 (FLA 60Ah)	S2 + S3 (FLA 60Ah)	S2 + S3 (FLA 60Ah)
13.13 / 12.80	13.27 / 12.81	13.26 / 12.81	13.30 / 12.89	13.33 / 12.87
12.73	12.87	12.88	12.88	12.89
12.48	12.5	12.5	12.6	12.57
1.89	1.92	1.95	1.93	1.94
1.56	1.58	1.58	1.63	1.59
238 / 271	235 / 271	234 / 271	234 / 270	234 / 267
48.5	49.25	52	49.25	51.25
1.39	1.44	1.53	1.46	1.51
0.72	0.70	0.65	0.68	0.66

(Variable) Resistance	Ohm	49.7 (fixed resistors)	49.7 (fixed resistors)	49.7 (fixed resistors)	49.7 (fixed resistors)	57.9 (fixed resistors)
Average amperage	A	1.725	1.75	1.765	1.78	1.765
Time factor	-	0.81	0.82	0.87	0.82	0.85

Correction factor

"...@ start" = after +/- 2min of running.  
 "...@ end" = when output batt. Is 15.3V  
 "...@ rest after testing" = 1 hour after run has finished

Ideal procedure: 1-> Discharged output battery in the morning (1Ah @1A). Charged input batteries for 1h.  
 Charge output batteries w. 27000uF Waited 40min. Charged input batteries for 1h.  
 charger high setting / 2- input batteries for 15 minutes (charged them for 1.5h a couple of days  
 > wait 10min / 3-> Start charge cycle, charge till 15V / 4-> wait 1h / ago).Waited for +/-30 min  
 discharge 1Ah at 1A and then started SG cycle.  
 out of output battery / - So this was +/-1.5h after the  
 > 5 Next day start at 1 - output battery was discharged.  
 >

Charged input batteries for 1.5h (instead of 1h, CM available)  
 Charged input batteries for 1.5h (instead of 1h, CM available)  
 Conclusions; See cell comment