

Version **V4**  
 Common Ground / Generator mode  
 No Capacitor dump circuit installed  
 No generator coil/led circuit installed  
 No Fans installed

Battery A: 12V AGM, 12Ah, RS-PRO  
 Battery B: 12V AGM, 12Ah, RS-PRO  
 Battery X1: 12V AGM, 12Ah, Xtreme

Cycle ID	Input battery	Input battery votlage before/after cycle	Output battery	Output battery votlage before/after cycle	Gap	Resistance variable resistor (Ohm)	Amperage start/end	Max rpm start/end	Charge time (min)	Ah at input
12.1.1	X1	13.24V / 13.0V	B	12.81V / 13.07V	12mm	47.1	2.8 / 2.6	180/193	30	+/-1.35
12.1.2	B	13.01V / 12.65V	A	12.68V / 13.04V	12mm	54.7	2.6/2.1	184/207	43	+/-1.68
12.1.3	X1	13.23V / -	B	12.75V / 13.06V	12mm	59.4	2.0 / 1.7	174/186	45	+/-1.39
12.1.4	X1	13.20V / 12.80V	B	12.73V / 13.04V	12mm	72.7	1.6/1.1	169/160	84	+/-1.75
10.1.1	X1	13.27V / 12.93V	B	12.74V / 13.08V	10mm	54	2.6/2.10	187/209	34	+/-1.33
10.1.2	X1	13.22V / 12.84V	B	12.74V / 13.08V	10mm	64.7	2/1.6	186/200	48	+/-1.44
10.1.3	X1	13.16V / 12.84V	B	12.73V / 13.10V	10mm	71.5	1.6/1.4	181/-	66	+/-1.65
8.1.1	X1	13.13V / 12.88V	B	12.80V / 13.10V	8mm	59.6	2.6/2.2	202/223	33	+/-1.32
8.1.2	X1	13.26V / 12.91V	B	12.76V / 13.04V	8mm	71.5	1.8/1.4	195/204	53	+/-1.43
12.2.1	X1 + A		B	12.74V / 13.07V	12mm	52.6	2.8/2.4	184/207	30	+/-1.3
12.2.2	X1 + A		B		12mm	-	1.8/1.38	178/198	1h+	-
8.2.1	X1 + A		B	12.74V / 13.07V	8mm	63.3	2.6/2.3	214/240	30	+/-1.23

*At the end of the load cycle the amperage dropped beyond the "tipping" point, hence the max rpm was lower as the starting rpm*

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*At the end current was probably too little to properly charge: output battery hang at 15.10V and rpms where dropping down towards 190*