



MOTOCLOPS

Recommended Eggrider ASI Settings

Table of Contents

Bypassed Battery Settings (Default)	1
JW 60v60ah Long Range Settings	2
JW 60v52ah High Discharge Settings	3
JW 72v38ah High Discharge Settings	4
BAC8000 ONLY High Discharge Settings	5

Asi settings	
Parameter	
Road	OffRoad
Throttle Max Power (W)	
5500	7500
PAS max power (W)	
5500	7500
Motor phase current (A)	
275	400
Regen ratio (%)	
1	5
Throttle Max Speed	
127	127
Pas Max Speed	
127	127
Battery Current Limit (%)	
100	100
Field Weakening (Max 50%)	
25	25
Read	Write

Bypassed Battery Settings - Default

These are the settings our team have developed to maximize a stock bypassed battery!

Stock Non- bypassed Batteries Discharge **84A**
 Bypassed batteries aren't regulated by the BMS but by the kW output of your Throttle Max Power. We recommend only pulling **125A** as that's the safest number we've tested without damaging your Battery.

*Remember that with increased **Power output** your Range will decrease.

Asi settings	
Road	OffRoad
Throttle Max Power (W)	
7500	10500
PAS max power (W)	
7500	10500
Motor phase current (A)	
400	420
Regen ratio (%)	
1	5
Throttle Max Speed	
127	127
Pas Max Speed	
127	127
Battery Current Limit (%)	
100	100
Field Weakening (Max 50%)	
25	0
Read	Write

JW 60v60ah Long Range Settings

These Batteries use **High Capacity 21700 Cells** in order to get the most range while still providing a Peak of **170A** Current discharge.

*We suggest running "Road/Eco" with the recommended settings for **Bypassed batteries** in order to run your bypassed battery as a back up battery.

***ONLY run ECO when using your bypassed battery!**
Running a higher discharge will damage your battery.

Asi settings	
Parameter	
Road	OffRoad
Throttle Max Power (W)	
7500	15000
PAS max power (W)	
7500	15000
Motor phase current (A)	
400	420
Regen ratio (%)	
1	5
Throttle Max Speed	
127	127
Pas Max Speed	
127	127
Battery Current Limit (%)	
100	100
Field Weakening (Max 50%)	
25	0
Read	Write

JW 60v52ah High Discharge Settings

These Batteries use **Molicel P42A Cells** in order to get the most Power & Range while still providing a Peak of **300A** Current discharge.

*We suggest running "Road/Eco" with the recommended settings for **Bypassed batteries** in order to run your bypassed battery as a back up battery.

***ONLY run ECO when using your bypassed battery!**
Running a higher discharge will damage your battery.

Asi settings	
Parameter	
Road	OffRoad
Throttle Max Power (W)	
7500	15000
PAS max power (W)	
7500	15000
Motor phase current (A)	
400	420
Regen ratio (%)	
1	5
Throttle Max Speed	
127	127
Pas Max Speed	
127	127
Battery Current Limit (%)	
100	100
Field Weakening (Max 50%)	
25	0
Read	Write

JW 72v38ah High Discharge Settings

These Batteries use **Molicel P42A Cells** in order to get the most Power & Range while still providing a Peak of **300A** Current discharge.

*We suggest running "Road/Eco" with the recommended settings for **Bypassed batteries** in order to run your bypassed battery as a back up battery.

***ONLY run ECO when using your bypassed battery!**
Running a higher discharge will damage your battery.

Asi settings	
Road	OffRoad
Parameter	
Throttle Max Power (W)	
7500	15000
PAS max power (W)	
7500	15000
Motor phase current (A)	
400	600
Regen ratio (%)	
1	5
Throttle Max Speed	
127	127
Pas Max Speed	
127	127
Battery Current Limit (%)	
100	100
Field Weakening (Max 50%)	
25	25
Read	Write

BAC8000 ONLY

High Discharge Settings

These Batteries use **Molicel P42A Cells** in order to get the most Power & Range while still providing a Peak of **300A** Current discharge.

With the higher Phase current Limit of the BAC8000 being **810PA** we've tested and safely ran up to **600PA**.

Do NOT run anything higher as you run a chance of damaging your motor.

*We suggest running "Road/Eco" with the recommended settings for **Bypassed batteries** in order to run your bypassed battery as a back up battery.

***ONLY run ECO when using your bypassed battery!**
Running a higher discharge will damage your battery.