

Governor Compatibility Chart

TESTED AND CONFIRMED Speed Controllers

HobbyWing Platinum 120A HV

(also sold as Turnigy K-Force 120 HV)
Do not mix up with older version which is called
Pentium, Sentilon etc.

External programmer required: No
Settings for optimal performance: Factory settings
+ Startup type: Very soft

Notes:

When using Phase sensor AND separate RX pack,
common ground must be shared, run a cable with
Negative lead only from RX -> Programming inter-
face on ESC.

Untested: There is a 70A HV version of same, un-
tested if it works at this moment.
Motor start power is a bit strong, Blades need to be
tight (this is common on all HobbyWing)
Overall: Very good performance.

HobbyWing Platinum 70LV (With BEC)

-Same performance and settings as HV version.

Fusion Hawk 100 and 120A BL

(also sold as Mega Power, SJ Propo 100, and 120A
BL)

External programmer required: Yes (purchased
separately)
Setting for optimal performance: Fastest throttle
response setting, Set motor start power to lowest
(default).

Turn Brake OFF!

Overall: Very good performance, softer spoolup
than HobbyWing, built in Fan.

Align ESCs

(Included in various heli combos)

External programmer required: No
Setting for optimal performance: Fastest response
possible.

Notes: Tested by Ulrich, some inconsistencies with
Phase sensors and Align motors, do not know if
that's motors fault, phase sensor or esc.
Overall: Good performance.

CURRENTLY NOT OPTIMAL Castle Creation

External programmer required: Yes (purchased
separately)
Setting for optimal performance: Airplane mode,
Fixed endpoints, high throttle response.

Notes:

Balance between Gain in VBar governor and throttle
response.

ICE: Use internal logging to make sure you do not
hit 100% PWM (full throttle too often for optimal
performance)

Overall:

Has delay on throttle response, Castle is aware,
they will come out with an FW update.

NOT WORKING

(or with really bad performance)

**Kontronik all versions (Jive, Jazz, Koby)
Kontronik is aware.**

**Scorpion 90/130A (High Voltage) – Talking
with Scorpion about this.**

**Turnigy Super Brain (max 6s but with BEC and
logging) – Has no airplane mode, always in
governor.**

V-Bar Ver. 5.1 Compatible Sensor's for Vbar Governor

1. Align Sensor (red & black wire must be swapped)
2. Spektrum Backplate Sensor
3. Aerospire Multigov sensor
4. CY ATG sensor
5. Futaba GV1 sensor
6. Stator Gator for gasoline engines
7. HYPERION EMETER VERSION 2
TACHOMETER (Phase Sensor for electrics)

Big Thank You goes out to Mr. Mel for the
content and video!

Warning: *it is advisable to use the best quality speed
controller (ESC) you can afford. Intentionally using a
Cheap speed controller to save money could put your heli
at risk as most do not have Overload protection.
Please note: this chart is for information that the gov-
ernor feature works on these ESC's listed and is not to
be taken as these ESC's should be used. The use of any
ESC's listed is purely at the owners discession...*

Mikado

