

**HiTechnic Support** <support@hitechnic.com>  
To: Jamie Diamond <coach@cougarrobot.com>

Fri, Oct 26, 2012 at 11:51 AM

Hi Jamie,

I just talked to our engineer and got some details.

The servo voltage is 6V. The current limit is 5A shared between all 6 servos that are attached. In other words, the 800mA limit that you are getting from FIRST is based on all 6 servos being stalled at the same time. If only one servo is stalled and active, than all 5A can go to that one servo.

I also verified that the 5A limit is protected in the controller and it will shut down if exceeded.

Best Regards,

Gus

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