

Battery (mAh)	Voltage
2200	7.5V

Source:

<https://www.dexterindustries.com/ev3-current-consumption-measurement/>

Component	Amps @ 7.5V	Number On Board	Total Amps	Total mA
Color Sensor	0.107	3	0.321	321
Motor	0.186	3	0.558	558
Processor	0.098	1	0.098	98
			Battery Time From Full Charge (Hours)	2.252

Reasonable battery life, clearly with extra funding we can do more (bigger battery etc)

We need another color sensor, PI and motor so perhaps we will need another power source to have reasonable battery time

High voltage battery == longer time due to  $P = IV$  i think?