PART	LINKS	QUANTITY	PRICE						
	How to make your own skateboard -								
	YouTube								
Deck (material + molds)	how to make a skateboard deck								
,	Standard 9.5"x35" Skateboard Veneer	1 board (7 veneers per	\$33.00						
Veneer	Packs - Great Lakes Maple	board)							
Vencer	Street Deck Maple 7 Layer Sets - Roarockit	^^	\$60.90						
	KOAIOCKII								
Ероху									
	Custom:								
Molds	Electrium Kit:								
	Electron IV.								
Hanger + Baseplate									
Metal (use ems link for our university's pricing on									
metal)	https://ems-stores.uwaterloo.ca/ems-site/								
Bushings									
Washers									
Nuts									
Microcontroller System (remote)									
imerecenticier eyetem (remete)									
Wheels, Bearings									
Wileels, Dealings									
D140 0 1									
BMS System									
100A BMS	link	1 BMS	\$60.00	Note: I need to do more digging to find one that is cheaper but this one should work					
TOUA BING	ALL	1 BWG	\$00.99	cheaper but this one should work					
Motor									
Motor									Allere Production of the state of
									Alternative (not in stock but a better option if in stock,
					Est speed per			l	\$210) https://www.
SUNNY SKY 195KV 5400W (WIDTH: 70mm,	https://www.greathobbies. com/productinfo/?		\$329.99 (expected price \$240 after	Technical details: (this is what I would	amp of current draw: 0.79	Est. speed for	Note: limit max power to ~80% for	Max expected speed at 100A:	greathobbies. com/productinfo/?
SHAFT DIAMETER: 10mm)	prod_id=SSMV3X7020195	1 motor	discounts)	estimate as the worst-case scenario)	km/h/A	20.2km/h	battery safety (approx. 100A)	80km/h	prod_id=SSMV3X7015200
							No battery power limit needed		
FELITE 260KV 2500W (WIDTH: 63mm, SHAFT	https://www.greathobbies		\$239.99 (expected price \$190 after		Est speed per	Est. speed for 30min runtime:	(max motoor current is 75A, measure power draw to ensure the	Max expected	
EFLITE 260KV 2500W (WIDTH: 63mm, SHAFT DIAMETER: 8mm)	https://www.greathobbies. com/productinfo/?prod_id=EFLM4160A	1 motor	discounts)		draw: 1 km/h/A		motor doesn't overheat)	75km/h	
ESC									
7.	https://www.greathobbies.		\$309.99 (expected						
	com/productinfo/?		price \$240 after						
Spektrum 120A HV ESC	prod_id=SPMXAE1120HV	1 ESC	discounts)						
					https://www. greathobbies.				
					com/productinfo				
	https://www.greathobbies.		\$269.99 (expected		<u>I?</u> prod_id=CCR01				
	com/productinfo/?		price \$220 after		1010000&ref=s				
CASTLE 120A HV ESC	prod_id=CCR010013100	1 ESC	discounts)	Note: has a fan accessory to provide cooling	oldwithprod				
Pulley									
3:1 gear ratio belt and pulley system	amazon link	1 Kit	\$29.93						