Motor Parameter			Gearbox Parameter		
Sr no.	Spec	Value	Sr. no	Spec	Value
1.	Туре	BLDC	1.	Туре	Planetary
2.	Kv rating	200Kv	2.	Ratio	85:1
3.	Power @ 36V	1300W	3.	Type of gear	Spur, internal gea
4.	Rated Voltage	24V to 50V	4.	Body Material	AI 6082
5.	No load current	1A at 10V	5.	Gear Material	Cold rolled steel
6.	Peak current	36Amp	6.	Backlash	9-15 Arc-min
7.	Weight	350grams	7.	Weight	700-900 grams
8.	Rated torque	0.6Nm	8.	Breaking Torque	240Nm
9.	Peak Torque	1.1Nm	9.	Efficiency	80-90%
10.	Dimension	Dia50 x Len50mm	10.	Dimensions	56x56x60mm

https://flipsky.net/collections/e-skateboard/products/flipsky-sensored-outrunner-brushless-dc-motor-battle-hardened-5048-200kv-1300w

Overall System					
Spec	Value				
Peak Amp for system	40amp				
Rated Torque	51 Nm 93 Nm				
Peak Torque					
Output speed	40 to 90 rpm 56x56x130 mm				
Dimension					
Weight	Less than 1.3kg				





