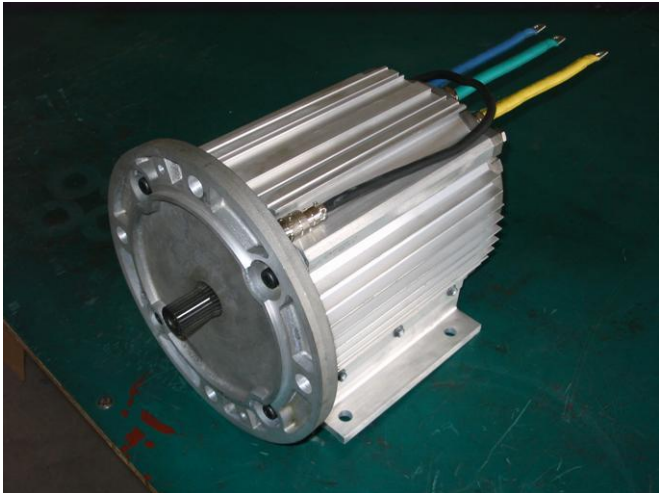
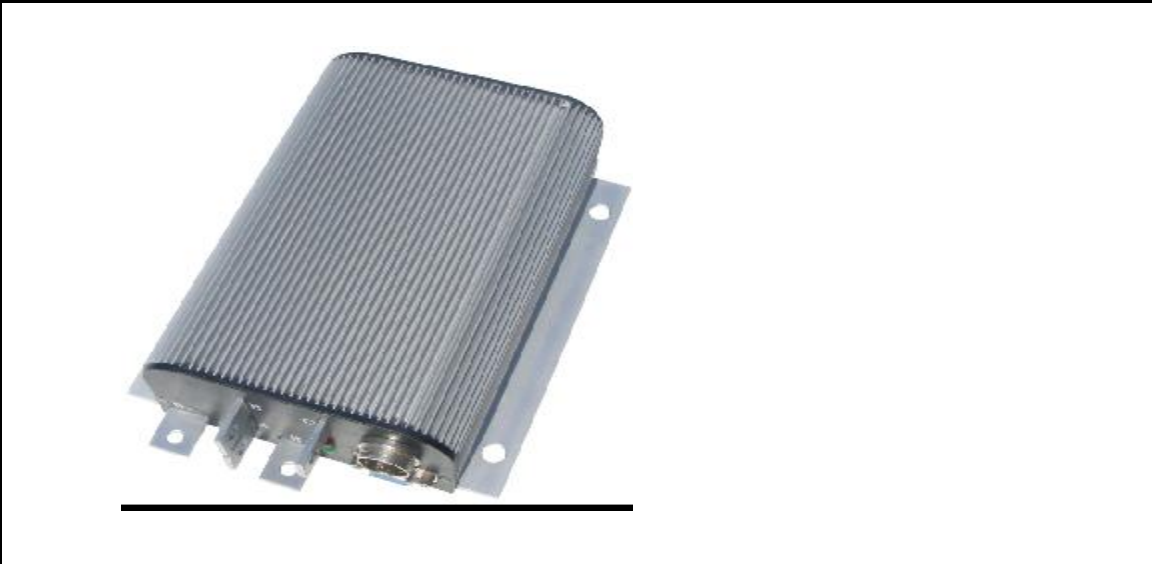


Configuration of Permanent Magnet Electric Motor

3kW Brushless DC Motor

NO	Parameter	Units	Amount	Remark
1	Rated Power	kW	3	
2	Peak Power	kW	6	Limiting the specific values of the decision by the controller
3	Rated Voltage	V _{DC}	48	
4	Rated Current	A	69	
5	Rated Torque	Nm	10.2	
6	Overload Torque	Nm	20.4	Limiting the specific values of the decision by the controller
7	Rated Speed	Rpm	2800	
8	Max. Speed	Rpm	3400	
9	Anti-Electromotive	V/rad • s ⁻¹	0.11	
10	Phase Current Average	A	109	
11	Working Type		1h	
12	Protection Grade		IP55	
13	Insulation Level		F	

14	Cooling Mode		Nature	
15	Frame		Y100-B35	
16	Weight	Kg	21	
17	Appearance			
				<p>Practical requirements of motor output shaft can be customized</p>
18	Size	mm	$\Phi 248 \times 307$	
CONTROLLER SPECS.		BSC8-48		
INPUT VOLTAGE RANGE		18v—58v	COOLONG TYPE	AIR
MAX OUTPUT CURRENT		200A	WORKING TEMPERATURE	-20-60
APPEARANCE AS FOLLOWING :				



KEEP TEMPERATURE -30-80

WEIGHT 2 KG

PEDAL

INPUT VOLTAGE

0.8-4.2V

CONTROL TYPE

POTENTIONMETER



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