



The Green Motor Technology Product Portfolio Manual

25 kw 144v Rear Wheel Driving System

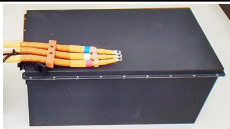
III. Driving System

Item	Specification		Picture
Motor	Rated Power	25kw	
	Peak Power	50kw	
	Norminal voltage	144V	
	Peak Torque	130n.m	
	Rate Torque	60n.m	
	Rate Working Speed	4000RPM	
	Peak Working Speed	7500RPM	
	Rated current	160A	
	Peak current	420A - AC	
	Insulation Class	H	
	Protection grade	IP67	
	Cooling	liquid-cooling	
	Dimension (diameter/length mm)	φ208×309.9mm	
	Installation size	Tailor made to customer's size	
	weight	35kg	
Controller assembly (Including controller, key switch, stall switch, accelerator, and wire harness)	Rated Input Voltage (battery voltage)	90-250V	
	Max power output	50KW	
	Max output current	400A	
	Controller staring voltage	90V	
	Cooling	Water cooling	
	Protection Class	IP67	
	Size (L*W*H)	296*220*91mm	
	weight	5.5kg	
Rear axle	Ratio	8:1/10:1/12:1	
	Loading capacity	3 tons	
	Packing	Wooden box	
	HS code	87085079	



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DC Converter	Input voltage (V)	144V	
	Output voltage(V)	12V	
	Rate power	500W/1000W	
	Protection class	IP67	
	HS code	85044099	
Lithium battery charger	Input voltage (V)	220	
	Battery voltage (V)	144v	
	Charging current (A)	20A	
	HS code	85044099	
Vehicle Control Unit	Communication	CAN	
	Voltage range	9-18v	
	Digital input	12	
	Weight	2kg	
Battery pack	voltage(V)	144V	
	Battery capacity(Ah)	105AH/210AH/150AH	
	Size(mm)	pending	
	Weight(Kg)	pending	
Dashboard	Communication	CAN	
	Voltage	12v	
	Weight	1kg	