



# The Green Motor Technology Product Portfolio Manual

- 10kw Driving System

## I. Board of Director's Message

First thank you for your interest of our products and service. The Green Motor Technology Co.(GA) is an innovative technology company that specializes in developing and manufacturing driving systems for electric vehicles (EV). With two decades plus years of expertise and leadership in the dynamic driving system, GA's AC driving system serves our customers for more than 35 countries and beyond, particularly, some customers won championship in their national competition by adopting our driving system, and we have earned more and more repeated business partners by providing consistent products and shared value with customers. Sincerely I wish you have a pleasant experience with us and please feel free to let us know your concerns.

**Dr. Kevin WANG**  
**President**



***In witness of customer honor***

## II. Typical Electric Vehicle Performance



GAEV1001

Maximum Speed	25km/h	Vehicle size(L*W*H)	5500*1810*2250mm
Endurance mileage	120km	Seats	23
Unloading weight	2000kg	Wheelbase	3400mm
Full loading weight	3840kg	Front wheel tread	1420mm
Maximum slope	15%	Rear wheel tread	1440mm
Noise	<50dB	Tires	165/70 R13, 4pcs
Battery	6V190AH*12	Driving system	96V 10kw








GAEV1002



Maximum Speed	80km/h	Vehicle size(L*W*H)	3520*1570*1490 mm
Endurance mileage	200km	Seats	4
Unloading weight	980kg	Wheelbase	2345mm
Full loading weight	1350kg	Front wheel tread	1330mm
Maximum slope	20%	Rear wheel tread	1310mm
Noise	<50dB	Tires	175/60R13, 4pcs
Battery	Lithium battery	Driving system	96V 10kw

### III. Driving System

Item	Specification		Picture
Motor	Rated power	10kw	
	Battery voltage	96v	
	Rated frequency	152Hz	
	Rated speed	4500RPM	
	Max. speed	7000RPM	
	Speed sensor	64 Pulse signal	
	Protection grade	IP55	
	Insulation grade	H	
	Max.torque	120 N.m	
	Duty	S2-60min	
	Installation size	Tailor made to customer's size	
	Size	Φ227 * 335mm	
	Net weight	45kg	
	Packing	Wooden box	
HS code	85015200		
Controller assembly (Including controller, key switch, stall switch, accelerator, and wire harness)	Rated voltage	96V DC	
	Working voltage range	50V ~ 96V	
	Rated output current	120A	
	Maximum output current	400A	
	Efficiency	98%	
	Protection grade	IP65	
	Ambient temperature	-40 ~ 50°C	
	Control mode	Vector control	
	Communication mode	CAN	
	Size (L*W*H)	268*150*100mm	
	Net weight	5kg	
	Packing	Carton	
	HS code	85371090	
Rear axle	Ratio	6:1/8:1/10:1/12:1	
	Center distance	62~99mm	
	Speed capacity	8000RPM	
	Torque capacity	130N.m	
	Noise	≤65dB	
	Est. net weight	13kg	
	Packing	Wooden box	
	HS code	87085079	

## IV. Optional Parts

Item	Spcificatioin		Picture
DC Converter (GA-ZHQ-1)	Input voltage (V)	72/60/48	
	Output voltage(V)	12	
	Protection class	IP68	
	Output current	20A/30A	
	HS code	85044099	
Charger (GA-CDJ-1)	Input voltage (V)	220/110	
	Battery voltage (V)	48/60/72	
	Charging current (A)	25/30/35	
	HS code	85044099	
Dashboard (GA-YB-1)	Output voltage(V)	12	
	Display	Instantaneous current	
		Speed	
		Battery power	
HS code	90329000		
Direction assembly (GA-FX-1)	Include	Steering wheel	
		Light control	
		Horn switch	
		Handbrake	
HS code	87089490		
Battery pack (GA-DC-1)	voltage(V)	6/8/12	
	Battery capacity(Ah)	175	
	Size(mm)	300*180*180	
	Weight(Kg)	40	
	HS code	85072000	

suspension system (GA-XG-1)	Include	Shock absorber spring	
		Front wheel /mouting hub	
	Front wheel / mounting frame		
	HS code	87088010	
Tires (GA-LT-1)	Size	185/60R14	
		195/65R15	
		205/55R16	
		215/45R17	
	HS code	40112000	

## V. Norms and Practice

To improve efficiency and maintain both parties' mutual benefit, you are kindly to read the following norms and practice, which is the integrated part of the agreement we are going to reach.

- 1 Delivery time for standard parts is within 20 days.
- 2 Warranty of driving system is one year. Any damage of the parts by violating the instructions does not belong to the warranty coverage.
- 3 Payment for MOQ ( $\leq 5$  sets) is 100% lump-sum before production, payment beyond MOQ is 30% for prepaid, and balance paid before shipment.
- 4 The actual parts and accessories might be not the same due to the shape of the vehicle, purchased items, country norms, and applicability.
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- 6 Should you ever require assistance or any complaints, all you need to do is to contact our president & global chief service officer (GCSO), Mr. Kevin Wang at kevinwang@greenmotortech.com; or reach his mobile phone at +86 13702349858.
- 7 For more details of our company, please visit <http://www.greenmotortech.com>. Green Motor Technology Co. wish you a safe and pleasant driving trip.