



# GREEN MOTOR TECH

*A Leading One Stop EV Driving  
System Solution Provider*





# The Green Motor Technology Product Portfolio Manual

- 1kw 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



GAEV101

Maximum Speed	30km/h	Vehicle size(L*W*H)	3100*1050*1600mm
Endurance mileage	80km	Seats	2
Unloading weight	260kg	Wheelbase	2370mm
Full loading weight	440kg	Container size(L*W*H)	0mm
Maximum slope	20%	Rear wheel tread	1000mm
Noise	<50dB	Front/Rear Tires	3.25-16/4.50-12
Battery	12V120ah*4	Driving system	48V 1kw



GAEV102

Maximum Speed	20km/h	Vehicle size(L*W*H)	3650*1100*1200mm
Endurance mileage	80km	Seats	1
Unloading weight	380kg	Wheelbase	2850mm
Full loading weight	630kg	Container size(L*W*H)	1910*1100*260mm
Maximum slope	20%	Rear wheel tread	980mm
Noise	<50dB	Front/Rear Tires	3.25-16/4.50-12
Battery	12V120ah*4	Driving system	48V 1kw



### III. Driving System

Item	Specification		Picture
Motor	Rated power	1kw	
	Battery voltage	48v	
	Rated frequency	140Hz	
	Rated speed	4100RPM	
	Max. speed	7000RPM	
	Ambient temperature	-20°C~40°C	
	Protection grade	IP55	
	Insulation grade	F	
	Max.torque	14N.m	
	Duty	S2-60min	
	Installation size	Tailor made to customer's size	
	Size	Φ145 * 181mm	
	Net weight	12kg	
	Packing	Wooden box	
HS code	85015200		
MOQ/MASS Price		\$ 110/99	
Controller assembly (Including controller, key switch, stall switch, accelerator, and wire harness)	Rated voltage	48V DC	
	Working voltage range	65%~135% of rated	
	Rated output current	60A	
	Maximum output current	200A	
	Digital input	8	
	Analog input	2	
	Protection grade	IP65	
	Ambient temperature	-40 ~ 50°C	
	Control mode	Vector control	
	Communication mode	CAN	
	Size (L*W*H)	230*165*75mm	
	Net weight	3kg	
	Packing	Carton	
	HS code	85371090	
MOQ/MASS Price		\$ 134/114	
Rear axle	Ratio	10:1	
	Speed capacity	8000RPM	
	Torque capacity	80N.m	
	Noise	≤65dB	
	Length	Tailor made to customer's size	
	Installation size		
	Leaf spring distance		
	Brake style		
	Hub size		
	Est. net weight	35kg	
	Packing	Wooden box	
	HS code	87085079	
MOQ/MASS Price		\$ 90/82	

## 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.