



GREEN MOTOR TECH

*A Leading One Stop EV Driving
System Solution Provider*





The Green Motor Technology Product Portfolio Manual

- 15kw 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



GAEV1501

Maximum Speed	60km/h	Vehicle size(L*W*H)	5500*1810*2250mm
Endurance mileage	100km	Seats	23
Unloading weight	2000kg	Wheelbase	3400mm
Full loading weight	3840kg	Front wheel tread	1420mm
Maximum slope	20%	Rear wheel tread	1440mm
Noise	<50dB	Tires	145/70R12, 4pcs
Battery	Lithium battery	Driving system	168V 15kw



GAEV1502




Maximum Speed	100km/h	Vehicle size(L*W*H)	3741*1475*1870 mm
Endurance mileage	100km	Seats	7
Unloading weight	1200kg	Wheelbase	2450mm
Full loading weight	1800kg	Front wheel tread	1280mm
Maximum slope	20%	Rear wheel tread	1280mm
Noise	<50dB	Tires	165/65R13, 4pcs
Battery	Lithium battery	Driving system	168V 15kw

III. Driving System

Item	Specification		Picture
Motor	Rated Power	15kw	
	Peak Power	30kw	
	Rated Torque	43n.m	
	Peak Torque	150n.m	
	Max Working Speed	7000RPM	
	Insulation Class	H	
	Protection grade	IP55	
	Cooling	air	
	Protection Class	IP66	
	Dimension (diameter/length mm)	φ230×304mm	
	Installation size	Tailor made to customer's size	
	weight	48kg	
MOQ/MASS Price		\$ 900/810	
Controller assembly (Including controller, key switch, stall switch, accelerator, and wire harness)	Rated Input Voltage (battery voltage)	168V	
	Auxiliary power	12V	
	Max output Current	280A	
	Rated Capacity	25KVA	
	Max Capacity	45KVA	
	Analog input	2	
	Cooling	Forced air cooling	
	Protection Class	IP66	
	Controller Case	PC40	
	Dimension	270x238x180	
	Size (L*W*H)	328*253*113mm	
	weight	9.5kg	
MOQ/MASS Price		\$ 1450/1305	
Rear axle	Ratio	16.9 /12.3/16.2 /17.8/10.6 /8/9/6.5	
	Center distance	72mm	
	Speed capacity	8000RPM	
	Torque capacity	200N.m	
	Noise	≤65dB	
	Length	Tailor made to customer's size	
	Installation size		
	Leaf spring distance		
	Brake style		
	Hub size		
	Est. net weight	70kg	
	Packing	Wooden box	
	HS code	87085079	
MOQ/MASS Price		\$ 1100/1000	

IV. Optional Parts

Item	Spcificatioin		picture
DC-DC (GA-DC-1)	Input voltage (V)	168	
	Output voltage(V)	12	
	Protection class	IP68	
	Output current	20A/30A	
	HS code	85044099	
MOQ/MASS Price			\$ 150/140
Charger (GA-CDJ-1)	Input voltage (V)	220/110	
	Battery voltage (V)	168	
	Charging current (A)	30	
	HS code	85044099	
MOQ/MASS Price			\$ (660/618)
Dashboard (GA-YB-1)	Output voltage(V)	12	
	Display	Instantaneous current	
		Speed	
		Battery power	
	HS code	90329000	
MOQ/MASS Price			\$ 65/56
Direction assembly (GA-FX-1)	Include	Steering wheel	
		Light control	
		Horn switch	
		Handbrake	
	HS code	87089490	
MOQ/MASS Price			\$ 240/220

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	
MOQ/MASS Price	6V: \$ 150/144; 8V: \$ 160/153; 12V: \$ 225/215		
suspension system (GA-XG-1)	Include	Shock absorber spring	
		Front wheel /mouting hub	
		Front wheel / mounting frame	
	HS code	87088010	
MOQ/MASS Price			\$ 1100/1000
Tires (GA-LT-1)	Size	185/60R14	
		195/65R15	
		205/55R16	
		215/45R17	
	HS code	40112000	
MOQ/MASS Price			\$ 70/65

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 (≤ 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.