



The Green Motor Technology

Product Portfolio Manual

15kw 144v vehicle drive system

1. 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 electricvehicles (EV). With two decades plus years of expertise and leadership in the dynamic driving system, GA's ACdriving system serves our customers for more than 35 countries and beyond, particularly, some customers wonchampionship in their national competiton by adopting our driving system, and we have earned more and morepeated 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

2. Basic parameters of motor system

Motor parameters	Model	GA15KW	
	Rate power (kW)	15	
	Peak power (kW)	30	
	Rate torque (N.m)	43	
	Peak torque (N.m)	150	
	Rate speed (rpm)	3300	
	Peak speed (rpm)	7000	
	Insulation class	H	
	Cooling	Natural air cooling	
	Protection grade	IP66	
	Dimension(Diameter/Length)(m m)	308mm*170mm	
	Shaft extension form	Internal spline	
	Weight (kg)	48	
	HS code	85015200	
Controller parameters	Model	GA17012A15	
	Rate input voltage(Battery voltage) (V)	144	
	Rate output current (A)	82	
	Max output current (A)	280	
	Rate capacity (KVA)	22.5	
	Max capacity (KVA)	45	
	Protection grade	IP66	
	Auxiliary Voltage (V)	12	
	Box models	PC40	
	Main Size (mm)	270*241*172mm(L*W*H)	
	Weight (kg)	9.5	
	HS code	85371090	
Rear axle	Ratio	7, 12, 15, 18	
	Center distance	197mm	
	Speed capacity	8000RPM	
	Torque capacity	280N.m	
	Noise	≤65dB	
	Length, Installation size, Leaf spring distance, Brake style, Hub size	Tailor made	
	Est. net weight	70kg	
	HS code	87085079	

3. Optional parts

Dashboard	Output voltage(V)	144v		
	Display	Instantaneous current		
		Speed		
		Battery power		
HS code	90329000			
DC-DC converter	Input voltage (V)	144V		
	Output voltage(V)	12V		
	Power	800w/1000/1500w		
	Protection class	IP66		
	HS code	85044099		
lithium battery	Voltage(V)	144V		
	Battery capacity(Ah)	customized		
	Size(mm)	customized		
	Weight(Kg)	Estimate 10kg/kwh		
	HS code	85076000		
Lithium charger	Input voltage (V)	220/110		
	Rated voltage (V)	144v		
	Charging current (A)	15/20/25		
	HS code	85044099		

4. APPLICATION:



5. 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.

Delivery time for standard parts is within 35 days.

Warranty of driving system is one year. Any damage of the parts by violating the instructions does not belong to the warranty coverage.

Payment for MOQ (≤ 5 sets) is 100% lump-sum before production, payment beyond MOQ is 30% for prepaid, and balance paid before shipment.

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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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.

For more details of our company, please visit <http://www.greenmotortech.com> or <http://www.greenmotortech.en.alibaba.com>. Green Motor Technology Co. wish you a safe and pleasant driving trip.