

### III. Driving System

Item	Specification		Picture
Motor	Rated power	10kw	
	Battery voltage	96v	
	Rated frequency	152Hz	
	Rated speed	4500RPM	
	Max. speed	6600RPM	
	Ambient temperature	-20℃~40℃	
	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	Rated voltage	96V DC	
	Working voltage range	70V ~ 120V	
	Rated output current	120A	
	Maximum output current	450A	
	Efficiency	98%	
	Protection grade	IP65	
	Ambient temperature	-40 ~ 50℃	
	Control mode	Vector control	
	Communication mode	CAN	
	Size (L*W*H)	268*150*100mm	
	Net weight	5kg	
Rear axle, rear wheel drive	Ratio	6:1/8:1/10:1	
	Center distance	62~99mm	
	Speed capacity	8000RPM	
	Torque capacity	130N.m	
	Noise	≤65dB	
DC Converter (GA-ZHQ-1)	Input voltage (V)	96V	
	Output voltage(V)	12	
	Protection class	IP68	
	Output current	20A etc	

Charger (GA-CDJ-1)	Input voltage (V)	220/110V	
	Battery voltage (V)	96V	
	Charging current (A)	25	
	HS code	85044099	
Dashboard (GA-YB-1)	Output voltage(V)	12	
	Display	Instantaneous current	
		Speed	
		Battery power	
	HS code	90329000	
Battery pack (GA-DC-1)	voltage(V)	96V	
	Battery capacity(Ah)	105AH	
	Size(mm)	customized	
	Type	3.2v LiFePO4	
	HS code	85072000	