



Item	Specification		Picture
<b>Motor</b>	Model	GEV2000MA	
	Rated Power	20kw	
	Peak Power	38kw	
	Norminal Voltage	144V	
	Rated Torque	65N.m	
	Peak Torque	200N.m	
	Rate speed	4000RPM	
	Max Working Speed	7000RPM	
	Rate Current	154A	
	Insulation Class	H	
	Cooling	Air-cooling	
	Pole Pairs	2	
	Protection Class	IP67	
	Dimension (diameter/length mm)	Φ220*360	
	weight	61kg	
HS code	85015200		
<b>Controller kit including key switch, stall switch, foot accelerator, wire harness</b>	Rated Input Voltage (battery voltage)	144V	
	Rate output Current	247A	
	Max output Current	550A	
	Max Out Power	75KVA	
	Cooling	Air cooling	
	Protection Class	IP67	
	Communication	CAN	
	Size (L*W*H) (mm)	288*185*95	
	Weight	5.6kg	
<b>Rear axle</b>	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		
	Hub size		
	Est. net weight	70kg	
	Packing	Wooden box	
<b>Lithium battery. 144V/ 105V , mileage 150km plus</b>	voltage	144V	
	Battery capacity(Ah)	105AH, 210AH etc	
	Size(mm)	780×390×360 (customized)	
	Type	3.2v LiFePO4 3.7v Li-NiCoMn	
<b>Charger for lithium battery(CAN)</b>	Input voltage (V)	220V	
	Battery voltage (V)	144V	
	Charging current (A)	20A	
	Input voltage (V)	144V	

<b>DC DC converter</b>	Output voltage(V)	12V	
	Protection class	IP67	
<b>Dashboard</b>	VIA comm. Display	Instantaneous current	
		Speed	
		Voltage	
		Battery SOC	

