



## The Green Motor Technology Product Portfolio Manual

- 60kw Driving System

### III. 18KW Driving System Parts

Item	Specification		Picture
<b>Motor</b>	Model	GEV1800MA	
	Rated Power	60kw	
	Peak Power	120kw	
	Rated Torque	500N.m	
	Peak Torque	1000N.m	
	Rate speed	1146RPM	
	Max Working Speed	4500RPM	
	Insulation Class	H	
	Cooling	Water	
	Pole Pairs	2	
	Protection Class	IP67	
	weight	116kg	
HS code	85015200		
<b>Controller kit including key switch, stall switch, foot accelerator, harness, with contactor</b>	Rated Input Voltage (battery voltage)	540V	
	Voltage range	350-750	
	Cooling	Water cooling	
	Protection Class	IP67	
	Communication	CAN	
	Efficiency	95%	
	Size (L*W*H) (mm)	30*4288*149	
	Weight	14kg	
	HS code	85371090	
<b>Lithium battery. 144V , mileage 150-300km plus</b>	voltage	540V	
	Battery capacity(Ah)	105AH, 210AH etc	
	Type	3.2v LiFePO4 3.7v Li-NiCoMn	
	Size(mm)	customized	
	HS code	85072000	



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<b>Charger for lithium battery(CAN)</b>	Input voltage (V)	540V	
	Output voltage(V)	12V	
	Charging current (A)	25A	
	HS code	85044099	
<b>DC DC converter</b>	Input voltage (V)	540V	
	Output voltage(V)	12V	
	Protection class	IP68	
	HS code	85044099	
<b>Instrument cluster</b>	LITHIUM BATTERY TYPE	Instantaneous current	
		Speed	
		Voltage	
		Battery SOC	
HS code	90329000		
<b>Steering assembly</b>	Include	Steering wheel	
		Light control	
		Horn switch	
		Handbrake	
HS code	87089490		
<b>Tires</b>	Size	185/60R14	
		195/65R15	
		205/55R16	
		215/45R17	
	HS code	40112000	
<b>Electric Power Steering</b>	Rated Power	360w	
	HS code	8708949090	
<b>Hydraulic brake system</b>	Components	an air storage tank, a booster, a vacuum pump, brake bump, brake pipe and a common brake pedal	
	HS code	8708309990	
<b>A/C system</b>	HS code	8415200000	