

School Bus Specification

CBU Parameter	Dimension (mm)	6000×2005×2825	Front/Rear wheel track (mm)	1710/1716
	Wheelbase (mm)	3665	Passenger area clear height (mm)	≥1900
	Front overhang/Rear overhang	1005/1330	Height from the ground of the first step (mm)	≤300
	Total weight (Kg)	4220	Curb weight (Kg)	3260
	Approach Angle/Departure Angle (°)	21/17	Front/rear axle maximum load (Kg)	1840/2380
	Maximum speed (Km/h)	100	Seats	17+1+1
Chassis configuration	Chassis model	--	Motor model	MP75
	Rear drive axle		Motor power (Rated/Peak)	68/138
	Front axle		Motor type	Permanent magnet synchronous motor
	Front suspension	Independent suspension	Motor controller model	CP90
	Rear suspension	Rear leaf spring suspension	Motor protection grade	IP67
	Brake	Front coil ,rear drum type crane brake	Power battery type	LTO Soft pack LTO Among the lithium-ion batteries undoubtedly LTO batteries would be considered as the next generation solution of battery technology for EVs and Energy Storage Stations. LTO material is rare and even blank in the field of battery industry and it is the leading core technology of LTO material internationally. In comparison with the technologies of overseas hybrid vehicle LTO patented technology displays an effect of "taking over in the corner" and completely changes the history of no core material available in the worlds' battery field.
	Swerve	Gear rack type hydraulic power steering	Monomer battery specification	30Ah /2. 3V
	Tire	Aluminum wheels , 215/75 Tire	Power battery specification	120Ah /368V
	Main reduction ratio	4. 875	Braking energy recovery	Regenerative braking energy recovery
	Gradeability	≥20%	Other	ABS+EBD
Body configuration	Appearance	See photo	Skeletal structure	Monocoque body, stamping structure
	Seats	For children	Top, side interior	Molding interior

	Lamps	Front and rear combination lamps	Air duct	Molding air duct, no baggage compartment
	Rear view mirror	Electric rearview mirror, auxiliary rearview mirror	Guardrail	Guardrail for school bus
	Safety belt	Front three point, rear two point	AC	Front cold AV, rear AC
	Side window	Closed side window, white toughened glass	Bus, instrument	CAN bus concentrated diagnosis
	Driver window	Electric lift glass	Instrument desk	High-class instrument desk
	Warning light	Top four flashing warning light	Emergency escape device	1 switch 4 emergency escape device
	Active step	Passenger door electric step	Card reader system	Children get-on smart card system
	Stop sign	Bus stop sign	Patrol system	School bus Patrol system
	School bus logo	School bus logo, signs, outline sticker	Emergency kit	210 Emergency kit
	Passenger door	Single door on left and right side	Paint	Yellow
	Floor	Covering	Other	Two rear doors open
	Rear step	Complete rear step		
	Driving range	100 km		Battery pack as per demand
Warranty	Bus construction Battery Motor and control system	2 years or 200.000 km 3 years 5 years		

