

YUTONG BUS ZK6131HG1E

SAP code: H04B						Version: ZK6131HG1E		
	Weather	Standard		Standard and Regulation	EU	Indicative Language	Standard	English
							Option	French
	L*W*H	12170*2550*3380	Wheel base, F overhang/R overhang (mm) (mm)	6000, 2740/3430	Max Speed (km/h)	90		
	Inner Height	>2200	Wheel pitch front / rear (mm)	2105/1838	Approach/Departure(°)	8° /8°	Min ground gap (mm)	130
	complete vehicle kerb mass (kg)	12500	Front / rear axle (kg)	4300/8200	Manufacturer's maximum total mass (kg)	18000	Front / rear axle (kg)	6500/11500
	Minimum turning diameter (m)	≤22	Maximum number of passengers	84	Maximum allowable total mass of chassis (kg)	18000	Front / rear axle (kg)	6500/11500
power	Emission	Motor type	Rated power / (kW/rpm)	Peak power (kW/rpm)	Rated torque (N.m/rpm)	Battery	Model type	
	0	YTM280-CV9-H	215	350	1200	Lithium iron phosphate	ZK6131HG1E	
Item		Configuration description				●standard configuration		
	Drive form	Motor direct drive, pure electric				●		
	Vehicle controller	Yutong third Generation Self-made vehicle Controller				●		
	Energy storage system	374kwhLi-ion power battery 12 cases, high-voltage box, including charging circuit and fast breaker; meet the EMC standard BMS master-slave board				●		
	Drive motor system	Electric drive system:YTM280-CV9-H, Permanent magnet synchronous motor, Five in one controller model: YTMC-CV9-H, The controller uses 360 degrees shield				●		
	Steering power system	Energy-saving power steering				●		
	Others	1、 New energy intelligent monitoring system; 2、 Insulation resistance, leakage detection and monitoring system 3, DC charging socket;				●		

		<p>4, Remote monitoring, model ICARD;</p> <p>5, high voltage wire harness (except battery heating wire harness) all adopt shielding wire harness, all use 360 degree shield;</p> <p>6, DC-DC output lines were shielded, all of them were shielded by 360 degrees.</p> <p>7, electric air compressor;</p> <p>8, 120KW European standard charging socket;</p>		
Steering wheel position	Right Rudder		●	
Front axle	ZF RL85A, Disc brake (with continuous wear indication)		●	
Rear axle	ZF AV133, Disc brake (with continuous wear indication), without vrm quick release valve		●	
Suspension system	<p>1. Air suspension;</p> <p>2. The first 2 and the last 4 airbags;</p> <p>3. SACHS hydraulic shock absorber;</p> <p>4. ECAS Belt lift system;</p>		●	
Steering System	Right hand drive Integral power steering, with the steering table and steering wheel on the servo instrument panel, the steering wheel adjustment button is changed to the floor of the driving area.		●	
Brake assembly	Double loop pneumatic brake system, front and rear disc brake, energy storage spring type parking brake, air dryer, condenser, all aluminum gas storage cylinder, add EBS+ESC, install brake release equipment in front of vehicle (manual release)		●	
Tyre	Aluminum wheels, Michelin tires 295 / 80R22.5		●	
The body structure	Fully loaded, the first stage in the driver area		●	
Sensing alarm device	Battery tank high temperature alarm device, instrumentation installed engine fire bomb switch		●	
A/C	Top-mounted Collin electric air conditioning (electric heating and cooling)		●	
Warm air system	Electric heating is carried out by the driver, the driver area and the passenger area should be controlled by separate keys, the passenger area should be heated by four electrics, the driving area should be heated by one electric assistant, and the step heating device should be increased by adding a step heating device, which can only work under -10 °C.		●	
Defrost system	Electric heating defrosting		●	
Feed system	2 pcs Maintenance-free battery 90Ah		●	