

## ZZ4257V384GZ1RBEV42 Basic Configurations and Main Technical Parameters

Weight Parameter	Chassis curb mass (kg)		11400	Transmission	Model		HW19709XA		
	Axle load (kg)	Front	6300		Gear	5 gears(12.469, 8.792, 4.375, 2.01, 1)			
		Rear	5100			Type	AMT		
	Allowed gross vehicle weight (kg)		25000		Optional model		—		
	Maximum axle load (kg)	Front	7000		Driving axle	Model		MCY12BGS Double bridge	
		Rear	18000			Main drive Ratio	Ratio	4.11	
	Allowed maximum towed weight (kg)		37470				Optional		
Max Load of fifth wheel (kg)		13470		Differential lock		Wheel differential lock			
Capability	Max speed (km/h)		89	Front axle	Model		VPD71D Disc braking		
	Min. turning diameter (m)		17	Tire	Rim	22.5×9.00			
	Max gradeability (%)		≥20		Type	12.00R22.5			
	Max parking grade (%)		≥20		Model		Trapezoidal frame with wide front and rear narrow		
Fuel tank capacity (L)		Not matchy		Frame	Main beam cross-section (mm)		Groove-type 280×85×8		
Dimension	Dimension	Length(mm)	7450		Side beam cross section (mm)		Not matchy		
		Width(mm)	2530		Width of frame (mm)		Front 940 Rear 850		
		Height(mm)	3230		Suspension	Front	Model		Leaf-spring non-independent suspension
Wheelbase(mm)		3800+1400		Leaf springs			3		
wheel track (mm)		Front	2036	Rear		Model		Leaf-spring non-independent suspension	
		Rear	1850			Leaf springs		3	
Min ground clearance(under the rear axle) (mm)		240		Steering	Model		Recirculating-ball hydraulic boosting		
Approach angle (°)		17			Ratio		22.2~26.2		
Departure angle (°)		38			Max pressure of pump (kPa)		18000		
Front suspension		1500			Steering way		Steering wheel		
Rear suspension(mm)		750		Braking system	Working pressure (kPa)		1000		
Usable length of frame(mm)		—			Braking type		Dual circuit compressed air brake		
Fifth-wheel ground clearance(mm) (unladen)		1310			Brake power adjust type		EBS		
Cargo compartment dimension		Not matchy			Parking brake type		Air cut brake of stored energy spring		
					Assistant brake type		--		
Cabin	Model		TX-F Low-floor and medium size width		Electrics	Circuit type		Double circuit, Positive electrode controlling	
	Passenger capacity		2			Voltage(V)		24	
	Turning radius(mm)		2770 (medium length)			Generator power (kW)		—	
Engine	Model		(Permanent magnet synchronous motor)TZ388XSLGE02		Battery voltage / capacitance (V/Ah)		2×12/180		
	Manufacturer		Suzhou LANGGAO		PTO	Model		W50直连式 (optional)	
	Power rating kW/(r/min)		250/360			Ratio		0.74	
	Max torque Nm/(r/min)		1330/2800			Flange Type		Spline(optional)	
Battery	Model		Lithium iron phosphate		Others	1.Charging time: Double gun 1.4h(based on 250KW charging station); 2.Endurance mileage of 200km; 3. Maximum trailer front radius of 2100mm			
	Total quantity		12						
	Electricity(kWh)		422						
	Manufacturer		CATL						
Total voltage (V)		618							

