

SANY[®]

QUALITY CHANGES THE WORLD



E-POWER



- Extended Range
- Ultra-Fast Charging
- Dual-Power Matrix

636kWh STANDARD

SANY Electric Heavy Truck



Read E-brochure

SANY ELECTRIC HEAVY TRUCK "636kWh STANDARD" VERSION

EXTENDED RANGE

Features the industry's largest bottom-mounted power battery at 636kWh, delivering a standard load range of 500km.

ULTRA-FAST CHARGING

Dual-gun CCS2 charging at 1000A, achieving a rapid 300km (400kWh) charge in just 30 minutes, boosting operational efficiency by 40%.

DUAL-POWER MATRIX

Powered by 420/730kW dual electric drive axles with 980hp peak horsepower, this robust steel-core system delivers coupled dual-motor output that combines power with adaptability for multiple application scenarios.

PRODUCT TECHNICAL SPECIFICATION

Model		4X2 636kWh Standard Version	
Basic Parameters	Host code	KEV113263686	
	Driver's seat location	Left hand drive	
	Length×Width ×Height (unladen) (mm)	6640×2540×3870	
	Wheelbase (mm)	4000	
	Front overhang (mm)/Rear overhang (mm)	1540/1100	
	The Fifth-wheel	50# fifth wheel	
	Front distance of the fifth-wheel (mm)	1050	
	Height of the fifth-wheel (mm)	1180±20	
	Minimum ground clearance (mm)	190	
	Front turning radius (mm)	2080	
	Rear turning radius (mm)	2280	
	Curb weight (kg)	10900	
	Technically Permissible Gross Combination Weight (kg)	42000	
Gross vehicle weight (kg)	20000		
Frame Parameter	Section heighth×Section width×Frame thickness (mm)	300×80×(8+5)	
Driving Motor	Type	High-performance Dual-motor E-axle	
	Rated power (kW)/Rotation speed (r/min)/Torque (N·m)	420/4500/1000	
	Peak power (kW)/Rotation speed (r/min)/Torque (N·m)	730/8500/1760	
Power Battery	Battery capacity (kWh)	636kWh	
	Energy supply method	1000A dual-gun DC fast-charging	
	Charging standard	Europe's Standard CCS2	
	Charging time	20%-80%≤30min	
Transmission	Type	Double 2-speed AMT	
	Number of gears	2-speed	
	Transmission take-off	Rated transmission output: 980 N·m	
Vehicle Control Unit	Type	Central domain controller XCU	
Axle	Front	Load Capacity	9t
		Load Capacity	13t
	Rear	1st Speed Ratio	35.26
		2st Speed Ratio	13.07
		Reverse Speed Ratio	35.26
Tyres	Type	Steering axle tires:385/55 R22.5 Drive axle tires:315/70 R22.5	
Rim	Type	Steel/Aluminum	
Suspension	Front /Rear	Air suspension	
Braking System	Type	EBS+ESC+Braking energy regeneration system	
Trailer Electrical Interface		ISO12098 Standard 15-core socket ISO7638 Standard 7-core socket	
Trailer Power Supply		24V	
Alternate Configuration		Optional 1: MPTO/Optional 2: Cab deflector	

Reminder:

Any change in the technical parameters and configuration due to product modification or upgrade may occur without prior notice. The machine in the picture may include additional equipment. This brochure is for reference only, and goods in kind shall prevail.

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