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		KEV100000245
	Driver's Seat Location(Left/Right)		Left Hand Drive
	Length × Widh × Height (unladen) (mm)		6640×2540×3870
	Wheel Base (mm)		4000
	Front Overhang (mm)/Rear Overhang (mm)		1540/1100
	The Fifth-Wheel		50#
	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 Height×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
	Rear	Load Capacity	13t
		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 Function
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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