

High
Reliability

Attractive
Appearance

Low energy
Consumption

V2V
Charging

High
Standard

High energy
Efficiency

SANY TRUCK

6×4 437 kWh
COMPOSITE VERSION



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SANY ELECTRIC HEAVY TRUCK 6x4 437 kWh COMPOSITE VERSION

HIGH RELIABILITY

Historical Attendance Rate > 95%, providing high efficient transportation service for our clients. 3 Years Market Validation + 2 Times Cold Region Test Calibration + 3-Round Annual Model Upgrading.

ATTRACTIVE APPEARANCE

Passenger Car-Style Dual-color Soft-touch Dashboard, 12-inch LCD Instrument Cluster, Ultra-size Multi-Media Display, WIFI, Navigation System, Electronic Gear Shift.

LOW ENERGY CONSUMPTION

Standard AMT Shift Lever Switch, Economy/Power Mode, Achieve Multi-gear Coasting Energy Regeneration

V2V CHARGING

Charging Power 40kWh. Vehicle-to-Vehicle Charging and Discharging, More Convenient for Emergency Power Supply, Charging Efficiency Up to 94%.

HIGH STANDARD

European Standard, Core Component have passed the stringent ECE certification, and the overall vehicle quality satisfy world-class standards.

HIGH ENERGY EFFICIENCY

PTC Power Intelligent Adjustment, 5-level Electric Braking Adjustment, Electric Power Regeneration Rate $\geq 36\%$.

PRODUCT TECHNICAL SPECIFICATION

Model			6x4 437 kWh COMPOSITE VERSION
Basic Parameters	Host Code		KEV123143619
	Driver's seat location (left/right)		left hand drive
	Length×Width×Height (unladen)(mm)		7370×2545×3715
	Wheel base (mm)		3800+1350
	Front overhang /Rear overhang (mm)		1540/680
	The Fifth-Wheel		50# 90 fifth-wheel optional
	Front distance of the fifth wheel (mm)		900
	The Height of the fifth-wheel (mm)		1310
	Minimum Ground Clearance (mm)		280
	Front Turning Radius (mm)		2150/ ≤ 2040
	Rear Turning Radius (mm)		2050/ ≥ 2350
	Curb weight (kg)		11800
	Technically Permissible Combination Weight (kg)		80000
Frame Parameter	Section heigth×Section width×Frame thickness (mm)		300*80*8+5 (5partially)
Driving Motor	Type		High Performance Centre Drive Motor
	Rated Power (kW)/Rotation Speed (r/min)/Torque (N.m)		330/2300/1370
	Peak Power (kW)/Rotation Speed (r/min)/Torque(N.m)		480/3500/2800
Power Battery	Battery capacity (kWh)		437 kWh
	Energy supply method		600A dual-gun DC fast-charging/5min swapping
	Charging standard		Europe's Standard/China's Standard GB/T
	Charging Time		20%-80% ≤ 45min
Transmission	Type		Four-speed Auto Gearbox
	Number of gears		Four-speed Auto Gearbox + Coasting Switch
	Power take off		QH50
Vehicle control unit	Type		Self-developed VCU
Axle	Front	Load capacity (tons)	7.5 t
	Middle/Rear	Load capacity (tons)	13 t
		Ratio	5.571
Tyres	Type		12R22.5 18PR
Rim	Type		Steel/Aluminum
Suspension	Front /Rear		Front 3/Rear Air Suspension
Braking System	Type		ABS+ESC+Braking energy regeneration function
Trailer electrical interface			7 pin
Trailer power supply			24 V