



- Massive Battery Capacity
- Ultra-Low Energy Consumption
- Exceptional Power

CHILE 588kWh STANDARD

SANY Electric Heavy Truck



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SANY ELECTRIC HEAVY TRUCK "CHILE 588kWh STANDARD" VERSION

MASSIVE BATTERY CAPACITY

Features the industry's largest 588 kWh swappable battery, with MTB innovation and all-aluminum structure boosting energy density by 30%. Ultra-long lifespan supports 2 million kWh of total energy output.

ULTRA-LOW ENERGY CONSUMPTION

Powered by SANY's proprietary VCU and BMS, combined with integrated liquid cooling and MTB zoned thermal management. With 5-level energy recovery, energy consumption is 10% lower than competitors.

EXCEPTIONAL POWER

Delivers a peak horsepower of 650 HP and torque of 2,800 N·m, enabling a climbing gradient of >20% (under 45-ton GCW).

PRODUCT TECHNICAL SPECIFICATION

Model			6X4 MTB 588
Basic Parameters	Host Code		KEV123158613
	Driver's seat location(left/right)		Left hand drive
	Length×Width ×Height(unladen)(mm)		7520×2545×3715
	Wheel base (mm)		3800+1350
	Front overhang (mm)/Rear overhang (mm)		1540/830
	The Fifth-Wheel		JOST 50#
	Front distance of the fifth wheel (mm)		900
	The Height of the fifth-wheel (mm)		1320±20
	Minimum Ground Clearance(mm)		280
	Front Turning Radius(mm)		2150
	Rear Turning Radius(mm)		2050
	Curb weight (kg)		12400
	Technically Permissible Gross Combination Weight (kg)		45000
Frame Parameter	Section heigth×Section width×Frame thickness(mm)		300×80×8
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)		588kWh
	Energy supply method		600A dual-gun DC fast-charging/5min swapping
	Charging standard		China's Standard GB/T
	Charging Time		20%-80%≤55min
Transmission	Type		6-speed AMT
	Number of gears		6-speed AMT + Coasting Switch
	Power take off		QH50
Vehicle control unit	Type		Self-developed VCU
Axle	Front	Load capacity	7.5t
	Middle/Rear	Load capacity	11.5t/11.5t
		Ratio	5.143
Tyres	Type		295/80 R22.5
Rim	Type		Al aluminum
Suspension	Front /Rear		Front 3 Leaf Spring/Rear Air Suspension
Braking System	Type		ABS+ESC+Braking energy regeneration function
Trailer electrical interface			7pin
Trailer power supply			24V

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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