SANY®

QUALITY CHANGES THE WORLD

E-POWER

- Super Battery
- Ultra-Low Energy Consumption
- Exceptional Power

SOUTH AFRICA 600kWh STANDARD

SANY Electric Heavy Truck

Read E-brochure

SANY ELECTRIC HEAVY TRUCK "600kWh STANDARD" VERSION

SUPER BATTERY

Equipped with a 600 kWh rechargeable battery and an innovative MTB whole aluminum alloy structure, it achieves a 30% higher energy density; boasting an ultra-long lifespan, the battery delivers a total energy output over 2.58 million kWh.

ULTRA-LOW ENERGY CONSUMPTION

Achieving ultra-low energy consumption via SANY's proprietary industry-leading VCU+BMS system, paired with integrated liquid cooling technology, MTB zonal thermal management, and 5-level energy regeneration.

EXCEPTIONAL POWER

Boasting a peak horsepower of 650 hp and a peak torque of 2,800 N·m, with a gradeability of over 15%.

PRODUCT TECHNICAL SPECIFICATION

Model			EV650-600C
Basic Parameters	Host Code		KEV113160673
	Drive Type		6×4
	Driver's Seat Location (Left/Right)		Right Hand Drive
	Length×Width×Height (unladen) (mm)		7440×2545×3715
	Wheel Base (mm)		3800+1350
	Front Overhang (mm)/Rear Overhang (mm)		1540/750
	The Fifth-wheel		50#
	Front Distance of the Fifth-wheel (mm)		900
	The Height of the Fifth-wheel (mm)		1310±20
	Minimum Ground Clearance (mm)		280
	Front Turning Radius (mm)		2150
	Rear Turning Radius (mm)		2050
	Curb Weight (kg)		12000
	Technically Permissible Gross Combination Weight (kg)		49000 Single Trailer /56000 Double Trailers
Frame Parameter	Section Height×Section Width×Frame Thickness (mm)		300×80×(8+5)
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)		600
	Energy Supply Method		600A Dual-gun DC Fast-charging
	Charging Standard		European Standard CCS2
	Charging Time		20%-80%≤55min
Transmission	Type		6-speed AMT + Column Shifter
	Number of Gears		6
	Power Take-off		QH50
Vehicle Control Unit	Type		Self-developed VCU
Axle	Front	Load Capacity (tons)	7.5
	Middle/Rear	Load Capacity (tons)	11.5/11.5
		Ratio	5.571
Tyres	Type		315/80R22.5
Rim	Type		Aluminum
Suspension	Front /Rear		Front 3/Rear 3 Leaf Spring
Braking System	Type		EBS+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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