

SANY[®]

QUALITY CHANGES THE WORLD



E-POWER



- Superior Load Capacity
- Exceptional Power
- Massive Battery Capacity

588kWh SUPER

SANY Electric Heavy Truck



Read E-brochure

SANY ELECTRIC HEAVY TRUCK "588kWh SUPER" VERSION

SUPERIOR LOAD CAPACITY

Equipped with industry-leading R24 super-sized tires, a 9.5-ton front axle, and a 16-ton reinforced rear axle, supporting a maximum single-trailer GCW of 120 tons.

EXCEPTIONAL POWER

Delivers 650 HP peak horsepower and 2,800 N·m peak torque, enabling a climbing gradient of >10% (under 120-ton GCW).

MASSIVE BATTERY CAPACITY

Industry-leading 588 kWh swappable battery with MTB innovation and reinforced structure to adapt with various customer scenarios. Ultra-long service life supports more than 2 million kWh total energy output.

PRODUCT TECHNICAL SPECIFICATION





Model		SYGN588	
Basic Parameters	Host Code	KEV123158668	
	Drive Type	6×4	
	Driver's Seat Location (Left/Right)	Left Hand Drive	
	Length×Width×Height (unladen) (mm)	7490×2615×3920	
	Wheel Base (mm)	3800+1400	
	Front Overhang (mm)/Rear Overhang (mm)	1540/750	
	The Fifth-wheel	90#	
	Front Distance of the Fifth-wheel (mm)	925	
	The Height of the Fifth-wheel (mm)	1455±20	
	Minimum Ground Clearance (mm)	350	
	Front Turning Radius (mm)	2200	
	Rear Turning Radius (mm)	2100	
	Curb Weight (kg)	14600	
	Technically Permissible Gross Combination Weight (kg)	120000 (with Single Trailer)	
Frame Parameter	Section Height×Section Width×Frame Thickness (mm)	300×80×(8+7)	
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)	588	
	Energy Supply Method	600A Dual-gun DC Fast-charging/5min Swapping	
	Charging Standard	Chinese Standard GB/T; European Standard CCS2 (Optional)	
	Charging Time	20%-80%≤60min (600A Dual-gun)	
Transmission	Type	6-speed AMT	
	Number of Gears	6-speed AMT + Column Shifter	
	Power Take-off	QH50	
Vehicle Control Unit	Type	Self-developed VCU	
Axle	Front	Load Capacity (tons)	9.5
	Middle/Rear	Load Capacity (tons)	16/16
		Ratio	7.63
Tyres	Type	12.00R24; 12.00R20 (Optional)	
Rim	Type	Steel	
Suspension	Front /Rear	Front 10 Leaf Spring/Rear 10 Leaf Spring	
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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