

STT4501E2-D

SANY

Quality Changes the World



FULL PULL ON HIGH VOLTAGE

EFFICIENT, ENVIRONMENTAL FRIENDLY AND FULLY ELECTRIC



TERMINAL TRACTOR **STT4501E2-D**

Battery capacity
281.9 kWh
Drive mode
4 x 2
Wheel base
3400 mm
Capacity
75 t
Range
up to 120 km

EQUIPMENT **STT4501E2-D**

FULL ELECTRIC TERMINAL TRACTOR

- + High efficiency, low consumption
- + Cost savings due to efficient system
- + Fast charging with dual guns
- + Wide field experience in electric machine

Travel speed max.
30 km/h
Empty weight
10 000 kg
Overall weight
85 000 kg
Dimensions
5 850 x 2 500 x 3 500 mm
Inner turning radius
6 600 mm



BATTERY

Type	Lithium iron phosphate (LFP)
Capacity	281.9 kWh
Warranty period	The attenuation in 5 years shall not exceed 30 %
Fully discharge cycles	3 000 times
Cooling mode	liquid
Continuous working time	up to 120 km / up to 18 hours

CHARGER

Charging duration	70 minutes
Charging power	2*150 kW

ELECTRIC MOTORS

Power	120 kW / 240 kW (single motor)
Torque	1 200 Nm / 2 800 Nm

CHASSIS

Drive mode	4 x 2
Cab type	Cab forward
Wheel base	3 400 mm
Axle load F/R	9.5t / 30t
Front axle	Air suspended
Ground clearance	240 mm
Max. tract weight	75t
Gradeability	6 % full load
5th wheel – hydraulic adjustable	1 180 mm – 1 610 mm
Capacity 5th wheel	32t
Acceleration (0 to 30 km/h)	≤ 25 seconds
Tire size	12.00 R22.5-18PR

TOP HIGHLIGHTS

LARGE LOAD CAPACITY, LONG BATTERY ENDURANCE

SANY electric terminal tractor use SANY's engineering vehicle heavy-load chassis. It has a maximum traction weight of 75t; on the port ground, the battery endurance range can reach up to 120 km or the endurance time is up to 18 hours.

SAFE, EFFICIENT, LOW-COST

The protection level of the three-electric system meets IP67 or above and adopts CATL's advanced leakage detection system and SANY's remote monitoring system.

ECONOMICAL, EFFICIENT, RELIABLE

The tractor is equipped with an integrated thermal management system to ensure that the battery is always at a suitable temperature and has the lowest energy consumption. It has an auxiliary braking system to improve braking energy feedback and can operate continuously for more than 5 years.



Not all products are available in all markets. As part of our continuous improvement process, we reserve the right to modify specifications and designs without giving prior notice. The figures may contain additional options.

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