

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 75 t; 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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