

# SANY

Quality Changes the World



**ELECTRIC TERMINAL TRACTOR**  
**STT4501E2-D**

## ▶ Product Parameters

Technical Parameter		
ITEM	UNIT	STT4501E2-D
Model/Driving Type	-	4×2
Overall Dimensions	mm	5850×2500×3500
Wheelbase	mm	3400
Endurance	km	≥120
Self Weight	t	10
Max. Traction Capacity	t	75
Max. Gradeability	%	≥6
Max. Speed	km/h	40
Min. Turning Radius	m	7
0~30km/H Accelerate Time	s	≤20

Configuration Parameter			
CONFIGURATION		UNIT	SM4256
Traction Battery	Type	-	Charging
	Capacity	kWh	281.9
E-Motor	Power	kW	120/240
	Torque	N·m	1200/2800
Charging Time		-	Fast Charge 60 min
Front Axle/Rear Axle		t	9.5/31@30km/h
The fifthwheel		-	adjustable; 1180~1610
Tire		-	12R22.5-18PR

### 1.Low energy consumption, high efficiency

A new generation of high torque and efficient direct drive system  
 Maximum efficiency of single motor is 95%  
 Endurance up to 120km under port conditions  
 A new generation of vehicle thermal management system  
 Integrated AC cooling and heating, battery cooling heating and electric motor control cooling system, efficient management of energy, reduce failures and reduce energy consumption by 5%.

### 2.Intelligent comfort

10" display large screen  
 Ergonomic handrails  
 Air suspension cab  
 Air suspension driver seat  
 Optional 360 circumnavigation system + fatigue monitoring system.

### 3.High security

High safety power battery system  
 High performance lithium iron phosphate battery  
 PACK passed 273 safety tests  
 Advanced leakage detection system  
 Safety traffic control strategy technology  
 High and low temperature three-level alarm strategy  
 Vehicle anti-skid control strategy  
 Charging protection strategy

### 4.Data interconnection

Remote monitoring of vehicle operation data;  
 Vehicle operation report can be exported;  
 Fault diagnosis and charging scheduling facilitate vehicle management and improve operational efficiency