

SM4600

SANY Electric Terminal Tractor



▶ 1

High torque direct drive system

High efficiency range 10-30km/h;
No gearbox, high transmission efficiency;
Simple structure, simple maintenance;
High braking energy feedback efficiency.

▶ 2

Offset cab

Four sides of glass, wider vision, safe driving;
Air suspension seat + cab air suspension, good comfort;
Side stairs, more convenient to get on and off

▶ 3

Heavy-duty chassis

4×2 heavy load chassis, maximum traction mass 75t;
Box welded girder (14mm), vehicle 3D design and CAE analysis,
high reliability;
30t wheel side two-stage deceleration drive axle, adapt to dock
conditions;
The turning radius is smaller than 7.5m.

▶ 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.

► Product Parameters

Technical Parameter			Configuration Parameter			
ITEM	UNIT	SM4600	CONFIGURATION	UNIT	SM4600	
Model/driving type	-	4×2	Traction battery	Type	-	Charging
Overall dimensions	mm	5805×2550×3200		Capacity	kWh	281.9
Wheelbase	mm	3400	E-motor	Power	kW	120/240
Endurance	km	≥120		Torque	N·m	1200/2800
Self weight	t	10	Charging time	-	-	Fast charge 60 min
Max. Traction capacity	t	75	Front axle/rear axle	t	-	13/34
Max. Gradeability	%	≥6	The fifth wheel	Structure	-	Unfixed
Max. Speed	km/h	40		Heights	mm	1180-1530
Min. Turning radius	m	7.5	Tire	-	-	12R22.5-18PR
0~30km/h accelerate time	s	≤20	Suspension System	-	-	SM4600 Fixed SM4601 Air suspension

► Working Picture



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