

# SRSC45E3

SANY Electric Reach Stacker



▶ 1

## Long endurance

- large capacity battery ensures 10+ hours endurance;
- potential energy recovery technology;
- optimized hydraulic system, electric motor direct drive.

▶ 3

## Fast charging

- Double charger: The product retains the dual gun charging port, which meets the national standard: GB/T 20234.1-2015. Through the market verification, technology is mature and reliable. Dual gun charging can realize high power fast charging. Convenient deployment of equipment for customers.

▶ 2

## High efficiency

- Control precisely : The electric motor drives the electric control pump system, the motion flow can be accurately distributed, control is more precise.
- Linkage is excellent : Boom stretch and pitching, move and travel of spreader driven by different motors, linkage effect is excellent.
- Comfortable driving : The driving is directly driven by dual motors, with fast acceleration response, stepless speed regulation, no shift shock, and easy operation.

▶ 4

## lower cost

- with range extender on and in hybrid mode
- Save 250,000 RMB in the 1st year
- Save 1.25 million RMB within 5 years.

## ▶ Product Parameters

Technical Parameter		
ITEM	UNIT	SRSC45E3
Max. Lifting speed (0/full load)	mm/s	420/250
Max. Lowering speed (0/full load)	mm/s	360/300
Max. Traveling speed (0/full load)	km/h	20/14
Gradeability (0/full load)	%	21/14
Hydraulic system working pressure	bar	340
Overall weight	t	73
Rated load	t	45
Stack layer	-	5
Max. Lift height standard	mm	15100
Max. Boom elevation	deg	0-60
Overall length L	mm	11320
Wheel base L1	mm	6000
Overall height H (retract/extend)	mm	4850
Min. Ground clearance H1	mm	330
Overall width W	mm	6053-12185
Counterweight sideways E	mm	-
Front gauge T1	mm	3033
Rear gauge T2	mm	2790
Min. Turning radius R	mm	8000
Aisle width for 20'container A1	mm	11300
Aisle width for 40'container A2	mm	13600

Configuration Parameter			
CONFIGURATION	UNIT	SRSC45E3	
Energy type	-	Fully electric	
Charging/swapping time	min	90/6	
Endurance time	h	6/8	
Quantity of electricity	kWh	422/507	
Traction battery	Battery type	-	Lithium iron phosphate battery pack
	Standard voltage	V	618
	Thermal management	-	Heating: heating film Cooling: water cooling
Electric motor	Type	-	PMSM
	Output torque (Rated/peak)	Nm/rpm	2040(rated) 3860(peak)
	Output power (Rated/peak)	kW	171(rated) 310(peak)
	Output rotate speed (Rated/peak)	RPM	800(rated) 2800(peak)
	Cooling type	-	Water cooling
Transmission type	-	SANY DWF-510/Kessler D102	

## ▶ Dimensions

