

SOLID TO SUCCEED



XCS4531E

CONTAINER REACH STACKER



XCS4531E

EV Reach stacker spectrum & Configuration

XCS4531E				
Drive motor	Model		DM380H46	DM380H46
	Rated power/Max. power	kW/kW	200/300	200/300
Working motor	Model		UM130H37.P2-A	UM130H37.P2-A
	Rated power/Max. power	kW/kW	160/270	160/270
Battery	Brand	-	CATL	BYD
	Capacity	kWh	507/595	535
Drive axle		-	Kessler D102PL341	Kessler D102PL341
Tyres		-	18.00-25 40PR	

EV reach stacker technical parameters

Item		Unit	XCS4531E
Drive motor	Length	mm	11340
	Width(chasis)	mm	4200
	Width(spreader)	mm	6053 ~ 12185
	Height	mm	4670
Max. Lifting height		mm	15100
Min.turning radius		mm	8000
Aisle width	20"/40"	mm	11300/11360
Ground clearance		mm	300
Lifting speed	Load/Unload	mm/s	420/250
Lowering speed	Load/Unload	mm/s	400/360
Drive speed	Load/Unload	km/h	20/14
Gradeability	Load/Unload	—	20/13
Load capacity		t	45
Stacking layers(first column)		—	5 (9'6"/8'6")

• Low temperature

Due to its own characteristics, the lithium battery system will experience capacity attenuation in low-temperature environments. For low-temperature working conditions, a thermal insulation protective cover is added to reduce the impact of the external low-temperature environment on the battery. It has been verified that adding a protective cover can significantly slow down the temperature drop. At the same time, the battery system has its own heating system to ensure that the equipment operates in a low-temperature environment.

• Double gun fast charging

The electric reach stacker adopts double guns for fast charging, which can ensure that the equipment is fully charged quickly.

- Equipped with dual gun charging ports, it complies with international standards and ensures versatility;
- Proven by the market, mature and reliable;
- Dual-gun charging enables 300kW high-power fast charging;
- Single gun 250Ah, double gun 400Ah.

• Long endurance

XCS4531E is equipped with a dedicated auxiliary motor to restore energy and extend battery life; XCS4531E3 is equipped with a 507/595kWh large-capacity battery, with an endurance of up to 8-10 hours;

• Strong security

- Real time leakage monitoring and active protection, current and voltage overload protection, anti-tilting protection device for rear axle, long distance astern radar, one 2kg fire extinguisher, automatic fire extinguishing system.
- The entire vehicle is equipped with a reversing alarm, reversing radar, reversing image, load indication and overload protection device; equipped with a spreader mounted front view and a view monitoring system on both sides of the vehicle body.

