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# XCS4531E CONTAINER REACH STACKER



**XCMG**

# 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
	Height	mm	4670
Max. Lifting height		mm	15100
Min.turning radius		mm	8000
Aisle width	20"/40"	mm	11300/11360
Ground clearance		mm	350
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.

