



INNOVATION SOLUTIONS NEW ENERGY SERIES

Simulate vehicle driving through water and long-term water immersion caused by urban waterlogging to verify the environmental reliability of the battery system

Simulate the mechanical damage to the battery system when the vehicle collides to verify the safety of the battery system



The power performance exceeds that of fuel forklifts of the same tonnage. Permanent magnet synchronous motor with maximum efficiency up to 96%



Automotive grade thermal management system
Hydraulic explosion-proof, buffer
Overload protection, power outage protection,
Multiple insulation testing.....



CATL original liquid-cooled battery pack
Compatible with national/European standard car charging piles



Simple maintenance and low cost of use.
Keep oil truck operating habits



The high-voltage architecture has high integration and low failure rate.
The protection level reaches IP67 and can easily cope with complex environments.



Automatic slope parking, cornering deceleration, OPS function, three operating modes, remote diagnostic monitoring, reversing voice reminder...

Characteristic			
1.01	Model		FB30(P-series) FB35(P-series)
1.02	Power Type		CATL Lithium Battery CATL Lithium Battery
1.03	Rated Capacity	kg	3000 3500
1.04	Load Centre	mm	500 500
1.05	Service weight	kg	4520 4800

Tyre & Chassis			
2.01	Tyre Type (Front/Rear)		Pneumatic Pneumatic
2.02	Wheel number X = drive wheel (Front/Rear)		2X/2 2X/2
2.03	Tyre Size (Front)		28X9-15-14PR 28X9-15-14PR
2.04	Tyre Size (Rear)		6.50-10-10PR 6.50-10-10PR
2.05	Front Tread	mm	1000 1000
2.06	Rear Tread	mm	970 970
2.07	Wheelbase	mm	1700 1700

Size			
3.01	Fork Size (L x W x T)	mm	1070x125x45 1070x125x50
3.02	Mast Tilt Angle (F/R)	deg	6/12 6/12
3.03	Lift Height	mm	3000 3000
3.04	Mast Lowered Height	mm	2115 2150
3.05	Mast Extended Height	mm	4180 4180
3.06	Length to Face of Fork	mm	2741 2796
3.07	Overall Width	mm	1230 1230
3.08	Distance From Roof to Seat	mm	1020 1020
3.09	Front Overhang	mm	481 506
3.10	Rear Overhang	mm	575 610
3.11	Turning Radius (outside)	mm	2460 2495
3.12	Ground Clearance	mm	140 140

Performance			
4.01	Max.Travel Speed (Full load/No load)	km/h	20/20 20/20
4.02	Lifting Speed (Full load/No load)	mm/s	520/530 430/440
4.03	Lowering Speed (Full load/No load)	mm/s	≤600 / ≥300 ≤600 / ≥300
4.04	Max.Gradeability (Full load)	%	20 20

Power & Transmissions			
5.01	Battery(Type)		Lithium Iron Phosphate Lithium Iron Phosphate
5.02	Battery(Voltage/Capacity)	V/Ah	309.12/96 309.12/96
5.03	Traction Motor Power, S2-60min	Kw	30 30
5.04	Lifting Motor Power, S3-15%	Kw	30 30
5.05	Controller		Full AC Full AC
5.06	Operating Pressure	Mpa	18 18
5.07	Hydraulic Oil Tank Capacity	L	49 49

