

MAIN SPECIFICATIONS				
General	1	Manufacturer	UN	
	2	Model	FB30-FHNLF	FB35-FHNLF
	3	Power Type	Lithium Battery	
	4	Rated Load Capacity	Q(kg)	30003500
	5	Load Centre	C(mm)	500500
Characteristic & Dimension	6	Rated Lift Height	H3(mm)	30003000
	7	Free Lift Height	H2(mm)	125125
	8	Fork Size (L×W×T)	mm	1070×122×451070x122x50
	9	Mast Tilt Angle (F/R, α°/β°)	deg	6°/12°6°/12°
	10	Fork Overhang (Wheel Center to Fork Face)	X1(mm)	467472
	11	Rear Overhang	X2(mm)	530600
	12	Ground Clearance (Bottom of Mast)	H7(mm)	125125
	13	Length to Face of Fork (Without Fork)	L1(mm)	27002770
	14	Overall Width	B1(mm)	12201220
	15	Mast Lowered Height	H1(mm)	21152115
	16	Mast Extended Height (With Backrest)	H4(mm)	41504150
	17	Overhead Guard Height	H5(mm)	22352235
	18	Turning Radius (Outside)	Wa(mm)	24502500
	19	Min.Aisle width for pallets	Ast(mm)	41204170
Performance	20	Travel Speed (No Load)	km/h	20/2020/20
	21	Lifting Speed (Full Load)	mm/sec	420/500400/500
	22	Lowering Speed(Full Load/No Load)	mm/sec	≤600/≥300≤600/≥300
	23	Max.Gradeability (Full Load)	%	2020
Chassis	24	Tyre (Front x 2)	mm	28×9-15-14PR28×9-15-14PR
	25	Tyre (Rear x 2)	mm	6.50-10-10PR6.50-10-10PR
	26	Front Tread	B2(mm)	10001000
	27	Rear Tread	B3(mm)	980980
Weight	28	Wheelbase	Y(mm)	17001700
	29	Total Weight	kg	42074567
	30	Front Axle Weight Distribution (Full Load)	kg	6,3967138
	31	Rear Axle Weight Distribution (Full Load)	kg	811929
	32	Front Axle Weight Distribution (No Load)	kg	1,6891,647
Power & Transmission	33	Rear Axle Weight Distribution (No Load)	kg	25182920
	34	Battery	V/Ah	309.12V/96AH309.12V/96AH
	35	Drive Motor	KW	3030
	36	Lift Motor	KW	3030
	37	Operating Pressure (For Attachments)	Mpa	20.520.5



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- Automotive-grade PMSM delivers powerful efficiency and torque—beyond electrics, on par with or surpassing IC forklifts.
- High-voltage lithium cuts energy consumption by 10–15%.
- Powerful CATL battery pack with IP67 protection, operable in environments from -20°C to +60°C.
- Integrated motor-controller system, IP67-rated.
- VCU (Vehicle Control Unit) supplied by Bosch(Germany), IP67-rated.
- VCU-controlled water pump & cooling fan for efficient heat dissipation, ensuring long-duration, high-intensity operation.



- The diagram illustrates the three operational modes of the 3000 series forklift:

 - Travel speed:** 20 km/h (laden & unladen). The forklift is shown in a standard travel position. A speedometer icon indicates the speed.
 - Lifting speed (laden):** 400–420 mm/s. The forklift is shown with the mast tilted back and the load raised. A lifting speed gauge icon indicates the rate of lift.
 - Gradeability (laden):** 20%. The forklift is shown on an inclined plane. A gradeability indicator icon shows a 20% limit.

- Wide-view mast for enhanced visibility.
- Multifunctional color-screen instruments.
- Cornering speed reduction enhances stability and reduces tipping risk.



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- A close-up photograph of a heavy-duty vehicle's rear wheel and suspension. The tire is black with a deep, aggressive tread pattern. The suspension components, including a shock absorber and control arms, are visible. The vehicle's body is yellow, and a portion of a black fender with the letters 'un' is visible on the left.

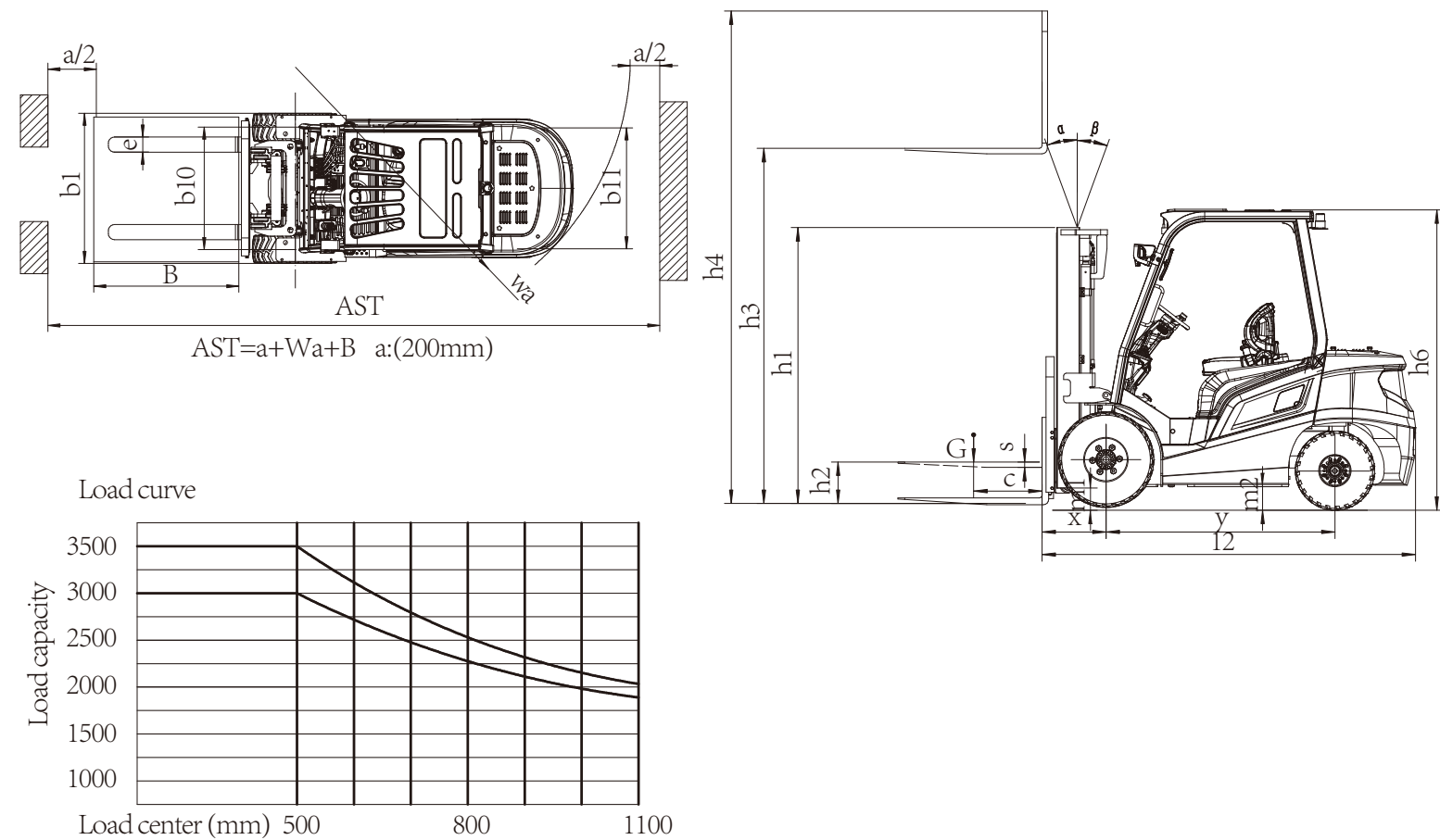
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- Super fast charger—fully charged in 1 hour.
- Compatible with EV charging stations for convenient charging.
- The battery provides 6-year or 10,000-hour warranty and supports up to 7,000 charge cycles.



- -40°C Operation
- 30-Min Fast Charge
- Solid Tire
- Non-marking Tire
- 3rd Valve & Pipe
- 4th Valve & Pipe
- OPS (Operator Presence System)
- Fire Extinguisher
- Rear Blue Spot Light
- Rear Work Light
- Red Line Warning Light(3 sides)
- Multilingual Display
- Front & Rear Wind shield
- Closed Roof
- Cab Heater
- Full Cabin
- Suspension Seat

- Detachable side panels, front plate, and chassis side covers allow for easy lithium battery replacement.



MAST SPECIFICATIONS & RATED CAPACITIES										
Mast Type	Mast Name	Max. Fork Height (mm)	Load capacity (kg)		Overall Height (mm)			Free Lift (mm)		Tilt Angle
					Lowered	Extended		Without Backrest	With Backrest	
						Without Backrest	With Backrest			
			3.0t	3.5t	3.0t/3.5t	3.0t/3.5t	3.0t/3.5t	3.0t/3.5t	3.0t/3.5t	
2-Stage Wide View Mast	M300	3000	3000	3500	2060	3641	4060	125/130	125/130	6-12
	M330	3300	3000	3500	2210	3941	4360	125/130	125/130	6-12
	M350	3500	3000	3500	2310	4141	4560	125/130	125/130	6-12
	M370	3700	3000	3500	2410	4341	4760	125/130	125/130	6-6
	M400	4000	2950	3450	2510	4641	5060	125/130	125/130	6-6
	M450	4500	2700	3200	2860	5141	5560	125/130	125/130	6-6
	M500	5000	2450	2750	3160	5641	6060	125/130	125/130	6-6
	FM300	3000	3000	3500	2060	3025	4202	1380	838	6-12
2-Stage Full Free Wide View Mast	FM330	3300	3000	3500	2210	3325	4502	1530	988	6-12
	FM350	3500	3000	3500	2310	3525	4702	1630	1088	6-12
	FM370	3700	3000	3500	2410	3725	4902	1730	1188	6-6
	FM400	4000	3000	3500	2610	4025	5202	1930	1388	6-6
3-Stage Full Free Wide View Mast	TFM400	4000	2950*3000	3450*3500	1960	4641	5060	1280	860	6-6
	TFM430	4300	2950*3000	3450*3500	2060	4941	5360	1380	960	6-6
	TFM450	4500	2850*3000	3300*3350	2160	5141	5560	1480	1060	6-6
	TFM480	4800	2750*2950	3100*3300	2260	5441	5860	1580	1160	6-6
	TFM500	5000	2550*2850	2750*3100	2310	5641	6060	1630	1210	6-6
	TFM550	5500	1700*2750	1900*3000	2510	6141	6560	1830	1410	3-6
	TFM600	6000	1350*2700	1500*2900	2710	6641	7060	2030	1610	3-6
With side shifter, load capacity subtract 200Kg.										
* (Asterisk)is for double front wheels model.										