



FE4P30/35GH-GB

4-WHEEL DUAL-MOTOR LITHIUM ELECTRIC FORKLIFT TRUCK



Ergonomic



Respect for the environment



Maintenance easy



Design robust



Capacity 3000-3500kg



High performance



Best report value for money

Why choose between price and quality when you can have both !

FE4P30-35GH/GB - PRODUCT OVERVIEW

// GH top-of-the-range and GB standard

The G series lithium electric forklift truck, the result of more than two decades of expertise in electric forklift trucks, breaks with traditional design while retaining the fundamental principles. This new product line includes the GB model and the top-of-the-range GH model, with optional nominal load capacities of 3 and 3.5 tonnes. This series redefines the new generation of electric forklifts, competing with internal combustion forklifts in terms of efficiency, power and reliability.

// Robust appearance

Based on the classic exterior design of the Q series lithium forklift trucks, it has an innovative, compact structure and an elegant, robust appearance.

// Powerful

Equipped with a powerful torque motor, its travel speed, lifting speed and crossing ability are comparable to those of internal combustion forklift trucks.

// Fast loading

The G Series forklift adopts an AC system while retaining the drive axle, steering axle, tyres and mast system of internal combustion forklifts. It can be used as an alternative to internal combustion forklift trucks and can meet the requirements of a variety of working conditions.



// A comfortable workstation

A mast design with wide visibility, a spacious working area for the driver and excellent ergonomics. The colourful dashboard is smart, with on-demand speed mode change and a graphical user interface for a simple, intuitive experience.



// Practicality and efficiency

Several lithium battery capacities are available. An optional side-pull structure enables rapid replacement, guaranteeing faultless operation 24 hours a day. Equipped with asynchronous AC motors for driving and transport, maintenance-free and offering greater working efficiency. The driver's seat has a USB port for charging.



FE4P30-35GH/GB - PRODUCT FEATURES



// Headquarters

OPS system as standard



// LED lighting

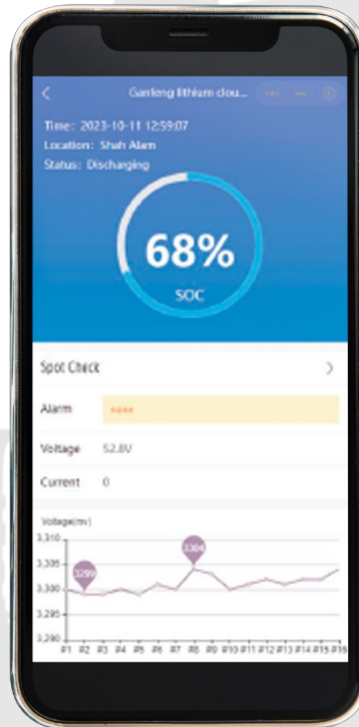
Headlights, for auxiliary lights, rear combination lights and hazard warning lights.

// Intelligent lithium management platform

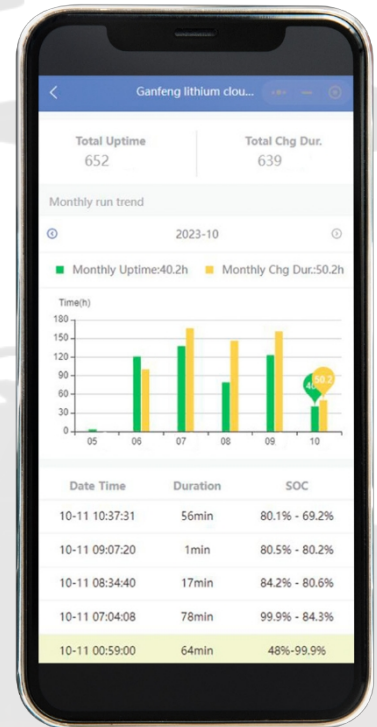
Continuously monitors the battery's operating condition throughout its life to ensure the safety of personnel and equipment.



QR code reading



Total duration of use



Operating and charging times

Designation	Lift height h3 (mm)	Free lift h2 (mm)	Height of retracted mast h1 (mm)	Deployed mast height h4 (mm)	Forward/reverse tilt α / β (°)	Capacity at CDG 500(mm)
						FE4P30GB / FE4P30GH
Duplex	2000	140	1575	3079	6/10	3000
	2500	140	1825	3579	6/10	3000
	3000	140	2075	4079	6/10	3000
	3300	140	2075	4379	6/10	3000
	3500	140	2325	4579	6/10	3000
	3600	140	2375	4679	6/10	3000
	3700	140	2425	4779	6/10	3000
	4000	140	2625	5079	6/6	2950
	4300	140	2775	5379	6/6	2850
	4500	140	2875	5579	6/6	2600
	5000	140	3125	6079	6/6	2400
Duplex Large free lift	2000	563	1575	3079	6/10	3000
	2500	813	1825	3579	6/10	3000
	3000	1063	2075	4079	6/10	3000
	3300	1213	2225	4379	6/10	3000
	3500	1313	2325	4579	6/10	3000
	3600	1363	2375	4679	6/10	3000
	3700	1413	2425	4779	6/10	3000
	4000	1613	2625	5079	6/6	2950
Triplex Large free lift	4000	563	2000	5079	6/6	2900
	4350	1113	2125	5429	6/6	2700
	4500	1163	2175	5579	6/6	2600
	4800	1263	2275	5879	6/6	2400
	5000	1406	2418	6079	6/6	2300
	5500	1640	2652	6579	3/6	1800
	6000	1873	2885	7079	3/6	1400
	6500	2107	3118	7579	3/6	800
7000	2273	3284	8079	3/6	600	
Designation	Lift height h3 (mm)	Free lift h2 (mm)	Height of retracted mast h1 (mm)	Deployed mast height h4 (mm)	Forward/reverse tilt α / β (°)	Capacity at CDG 500(mm)
						FE4P35GB / FE4P35GH
Duplex	2000	145	1685	3079	6/10	3500
	2500	145	1935	3579	6/10	3500
	3000	145	2185	4079	6/10	3500
	3300	145	2335	4379	6/10	3500
	3500	145	2435	4579	6/10	3500
	3600	145	2485	4679	6/10	3500
	3700	145	2535	4779	6/10	3500
	4000	145	2735	5079	6/6	3300
	4300	145	2885	5379	6/6	3250
	4500	145	2985	5579	6/6	3100
5000	145	3235	6079	6/6	2650	
Duplex Large free lift	2000	491	1575	3079	6/10	3500
	2500	741	1825	3579	6/10	3500
	3000	991	2075	4079	6/10	3500
	3300	1141	2225	4379	6/10	3500
	3500	1241	2325	4579	6/10	3500
	3600	1291	2375	4679	6/10	3500
	3700	1341	2425	4779	6/10	3450
	4000	1541	2625	5079	6/10	3300
Triplex Large free lift	4000	916	2000	5079	6/6	3250
	4350	1041	2125	5429	6/6	3150
	4500	1091	2175	5579	6/6	3000
	4800	1191	2275	5879	6/6	2800
	5000	1334	2418	6079	6/6	2650
	5500	1568	2652	6579	3/6	2200
	6000	1801	2885	7079	3/6	1500
	6500	2034	3118	7579	3/6	900
7000	2200	3284	8079	3/6	800	

Identification						
1.1	Manufacturer's type designation		FE4P30GB	FE4P30GH	FE4P35GB	FE4P35GH
1.2	Transmission: electric (battery or mains), diesel, petrol, manual		electric			
1.3	Type of operation (manual, pedestrian, standing, seated, order picker)		base			
1.4	Load capacity/rated load	Q(kg)	3000		3500	
1.5	Centre of gravity	c(mm)	500			
1.6	Load distance between the centre of the drive axle and the fork	x(mm)	478		483	
1.7	Wheelbase	y(mm)	1700		1760	
Weight						
2.1	Operating weight with battery	kg	4170		4480	
2.2	Axle load, front/rear laden	kg	6450/720		7140/840	
2.3	Axle load, unladen front / rear	kg	1850/2320		1960/2520	
Wheels, chassis						
3.1	Type: solid rubber, superelastic, pneumatic, polyurethane		PPS			
3.2	Front tyre size		28x9-15-14PR			
3.3	Rear tyre size		6.50-10-10PR			
3.4	Number of front/rear wheels (x = drive wheels)		2x/2			
3.5	Front track width	b10(mm)	1004			
3.6	Rear track width	b11(mm)	982			
Basic dimensions						
4.1	Mast/fork carriage tilt front/rear	α/β (°)	6/10			
4.2	Height of retracted mast	h1(mm)	2070		2185	
4.3	Free lift	h2(mm)	140		145	
4.4	Basic lift height	h3(mm)	3000			
4.5	Deployed mast height	h4(mm)	4079			
4.6	Height of protective roof (cab)	h6(mm)	2200			
4.7	Seat height / standing height	h7(mm)	1130			
4.8	Hitch height	h10(mm)	580			
4.9	Total length	l1(mm)	3688		3818	
4.10	Length to front of forks	l2(mm)	2618		2748	
4.11	Total width	b1(mm)	1230			
4.12	Fork dimensions	L/l/h(mm)	45/125/1070		50/125/1070	
4.13	Fork carriage width	b3(mm)	1100			
4.14	Loaded ground clearance under mast	m1(mm)	140		145	
4.15	Ground clearance, centre of trolley	m2(mm)	150			
4.16	Aisle width for 1000x1200 pallets crosswise	Ast(mm)	3998		4123	
4.17	Aisle width for pallets 800x1200 in length	Ast(mm)	4198		4323	
4.18	Turning radius	Wa(mm)	2360		2440	
Performance data						
5.1	Travel speed with/without load	km/h	14/15	18/19	14/15	17/19
5.2	Lift speed with/without load	m/s	0.3/0.4	0.44/0.56	0.3/0.4	0.42/0.56
5.3	Lowering speed, loaded/unloaded	m/s	<0.6			
5.4	Traction, loaded/unloaded S2 60 min	N	14000/15000	20000/21000	14000/15000	20000/21000
5.5	Maximum gradient performance, loaded/unloaded S2 5 min	%	20/25	20/28	20/25	20/25
5.6	Service brake		Hydraulics			
Electric motor						
6.1	Traction motor power S2 60 min	kW	16			
6.2	Lifting motor output at S3 15%.	kW	16	26	16	26
6.3	Standard battery		Lithium			
6.4	Battery voltage, nominal capacity K5	V/Ah	76.8/206 (277/412/460/554 optional)			
6.5	Battery weight	kg	695	760	947	947
6.6	Battery dimensions L/W/H	mm	to lift: 770/600/605 - to pull: 1086/760/360			
Further information						
7.1	Type of drive control		AC			
7.2	Accessory operating pressure	Mpa	18.5			
7.3	Oil volume for accessories	l/min	36			
7.4	Acoustic pressure level to EN 12 053	dB(A)	74			



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