



CREATING A BETTER FUTURE



TOUGH WORLD. TOUGH EQUIPMENT.

Liuzhou Liugong Forklift Co., Ltd.
No. 1 Yanghe Avenue, Yanghe Industrial
New Zone, Liuzhou City, Guangxi
Zip Code (P): 545006
Sales Hotline (T): 0772-2040713
Service Hotline (T): 0772-2040720/ 0772-2040721
E-mail (E): liugonglrs@liugong.com
Website (W): www.lgforklift.cn



Official website



Media Platform



GREEN ENERGY-SAVING
HIGH PERFORMANCE AND DURABLE



CPD30/35-E2JL-M/H

Power Type : Electric
Rated Capacity : 3000/3500 kg

E-Series Counterbalance Battery Forklift Truck

LG-PB-CPD30/35-E2JL-M/H -072023EN

The LiuGong series of logos herein, including but not limited to word marks, device marks, letter of alphabet marks and combination marks, as the registered trademarks of Guangxi LiuGong Group Co., Ltd. are used by Guangxi LiuGong Machinery Co., Ltd. with legal permission, and shall not be used without permission. Specifications and designs are subject to change without notice. Illustrations and pictures may include optional equipment and may not include all standard equipment. Equipment and options varies by regional availability.

PRODUCT FEATURES

Environment protection

Zero Emission

- Configure 80V lithium Battery, Zero emissions, no pollution.

Low Noise

- The driver's ear noise is below 70 dB.

Health

- Improve the working environment, protect the health of drivers.



Reliable and durable

High stability of system

- Low center of gravity, more rearward, heavy operation stability;
- Tilt cylinder supporter high positioning mast sway is small.

Enhanced frame, more robust

- Wide visibility reinforced frame, stronger and more stable.

Durable rear tires

- Large diameter steering tires, better wear resistance.

Better passability

- Large ground clearance, better passability, can replace internal substitution.

Cast steering bridge

- Integral casting bridge, Steering axle structure strong;
- Tapered roller bearing, strong impact resistance, longer service life;
- The steering axle is designed with cushioned rubber for low vibration and impact.



Strong frame

- Box structure chassis, durable, adaptable to impact caused by uneven road conditions.
- Cover piece anti-collision design, fender thickness 12mm.

Suitable for severe working conditions

- Overall protection level IPX4, can be adapted to paper, ceramics, casting, Wood industry, powder and other harsh conditions.

High performance

Strong power

- Configuration of high power motor
Pro: Traction motor power 16.6kW; Pump motor power 25.5kW
Max: traction motor power 20kW; Pump motor power 27kW
Pro: Full load speed 15km/h, lifting speed 330mm/s, 10m acceleration 5s
Max: Full load speed 20km/h, lift speed 400mm/s, 10 meters acceleration 4.5s

High efficiency hydraulic system

- Load sensitive hydraulic system, matching pump motor speed, hydraulic system flow loss is small;
- Hydraulic oil tank integrated into frame;
- Hyd system, heat dissipation Capable for working long time is good, and the configuration accessories can also work for a long time.

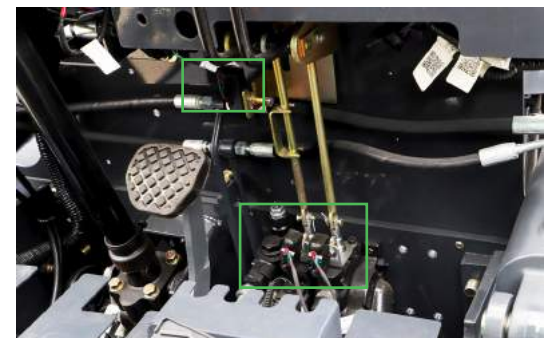
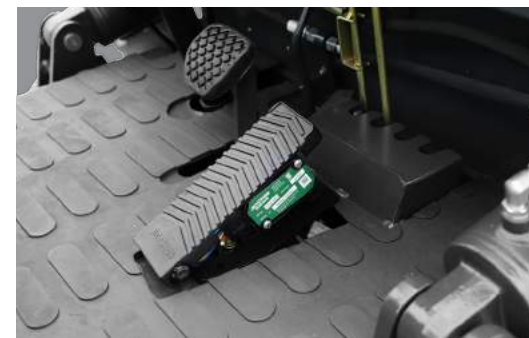
Low energy consumption, fast charging, long battery life

- Energy consumption is 4-5 KWH per hour;
- 2 hours fast charge, as needed;
- Maximum 525Ah lithium battery, work continuously for 9 hours.

Comfortable and better controllability

More flexible operation and control

- Accelerator pedal Angle sinks, the empty stroke is small, Reduce right foot fatigue during operation;
- standard configure slow and fast two gear lift speed, optional valve control unit, stepless speed regulation, better micro control performance;
- The fork is lowered to the bottom buffer, reduce impact on the load;
- Automatic slope standing function (3-5S), safe and efficient slope operation.



CPD30/35-E2JL-M/H

E-Series Counterbalance Battery Forklift Truck



connected intelligence

Intelligent

- Equipped with 3. "color screen instrument;
- Adjustable working mode:
S mode: (maximum speed 5-7km /h);
M mode: (maximum speed 12-16km /h);
H mode: Maximum speed Pro:15-16KM/ h ;
Max:20-21KM/h)
- Driver rights management, optional card reader, face recognition.



CPD30/35-E2JL-M/H
E-Series Counterbalance Battery Forklift Truck

Easy maintenance

Intelligent

- freemotor protetion IP54 brushless maintenance free;
- Lithium battery protection class IP56, maintenance-free,dustproof and waterproof, maintenance-free.



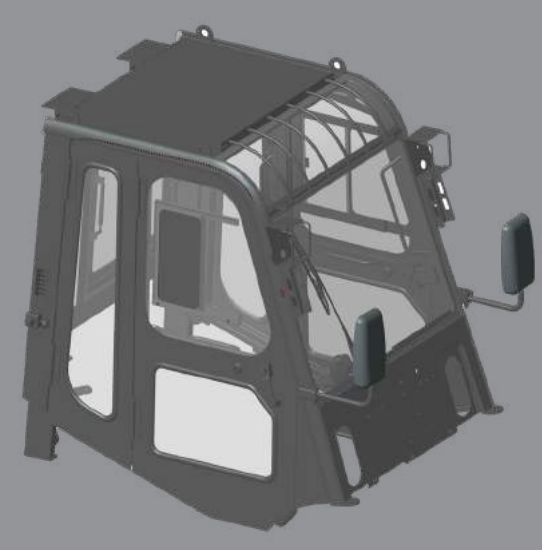
All-weather operation

Cab (optional)

- Semi-enclosed cab, rain or shine
Fully enclosed cab, no fear of cold.

Air heater (optional)

- Suitable for cold areas, low temperature environment work warm and comfortable.



Wading operation

- Large ground clearance, wading depth of 200mm, can meet the outdoor rain handling operations.

LED luminaire

- High brightness LED lamps, adequate light, suitable for night work.



Battery heating function (optional)

- Meet the low temperature environment operation, charging do not worry.



OPTIONAL

Overall	Model	1			CPD30-E2JL-M	CPD35-E2JL-M
	Type of engine	2			Electric	Electric
	Rated Lifting Capacity	3	Rated load center	kg	3000	3500
	Load center	4		mm	500	500
Weight	Dead Weight	5	Unloaded	kg	4284	4597
	Axle load	6	Full load/unloaded, front axle	kg	6476/1714	7223/1764
	Axle load	7	Full load/unloaded, rear axle	kg	807/2670	874/2833
Tire	Type of tire	8			Pneumatic tire	Pneumatic tire
	Tires number	9	Front wheel/rear wheel		2/2	2/2
	Wheelbase	10		mm	1760	1760
	Tire Size	11	Front Tire		28×9-15-14PR	28×9-15-14PR
	Tire Size	12	Rear wheel		6.5-10-10PR	6.5-10-10PR
	Track (thread)	13	Front wheel/rear wheel	mm	1005/980	1005/980
Mast	Lift height	14	std 2-Stage mast	mm	3000	3000
	Free lift	15	std 2-Stage mast	mm	145	145
	Height, mast lowered	16	std 2-Stage mast	mm	2120	2140
	Height, mast extended	17	std 2-Stage mast	mm	4146	4146
	Mast tilt, fwd/back	18	std 2-Stage mast	deg	6/12	6/12
	Fork carriage	19	Width	mm	1100	1100
	Fork spread	20	Min/Max	mm	272/1072	272/1072
	Fork dimensions	21	T x W x L	mm	45×122×1070	50×122×1070
Chassi	Overall Length (to thefront end of the fork)	22	std 2-Stage mast	mm	2720	2795
	Overall width	23		mm	1225	1225
	Overhead Guard Height	24		mm	2150	2150
	Turning Radius	25		mm	2450	2508
	Fork Overhang	26	Full load/unloaded	mm	475	480
	Right Angle Stack	27	AST 1000×1200Crossways AST 800×1200Lengthways	mm	4125 4325	4188 4388
	add load length and clearance	28	AST 1000×1200Crossways AST 800×1200Lengthways	mm	2650 2650	2708 2708
	Ground Clearance	29	minimum loaded	mm	135	135
		30	center of wheelbase	mm	150	150
Performance	Travel speed	31	Full load/unloaded	km/h	15/16	15/16
	Lift speed	32	Full load/unloaded	mm/s	350/430	330/430
	Lower speed	33	Full load/unloaded	mm/s	500/480	500/480
	Max. traction force	34	5-minute working system	N	15125	15125
	Maximum Gradeability	35	5-minute working system (Full load/unloaded)	%	17/20	15/18
System	electric-control	36	Travel /Work Pump		AC	AC
	Motor	37	Drive motor power	kW	16.6	16.6
		38	Work pump motor power	kW	25.5	25.5
	Battery	39	Types		Lithium battery	Lithium battery
		40	Voltage	V	80	80
		41	Capacity	Ah	230/280/ 350/450/525	230/280/ 350/450/525
		42	weight, minimum/maximum	kg	255/400	255/400

CPD30/35-E2JL-M/H

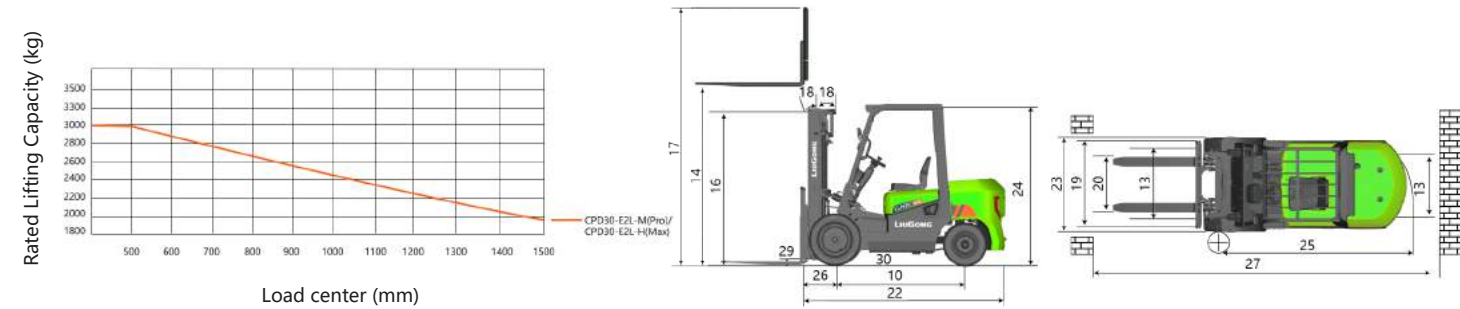
E-Series Counterbalance Battery Forklift Truck

OPTIONAL

Overall	Model	1			CPD30-E2JL-H	CPD35-E2JL-H
	Type of engine	2			Electric	Electric
	Rated Lifting Capacity	3	Rated load center	kg	3000	3500
	Load center	4		mm	500	500
Weight	Dead Weight	5	Unloaded	kg	4445	4740
	Axle load	6	Full load/unloaded, front axle	kg	6561/1899	7298/1840
	Axle load	7	Full load/unloaded, rear axle	kg	901/2563	958/2917
Tire	Type of tire	8			Pneumatic tire	Pneumatic tire
	Tires number	9	Front wheel/rear wheel		2/2	2/2
	Wheelbase	10		mm	1760	1760
	Tire Size	11	Front Tire		28×9-15-14PR	28×9-15-14PR
	Tire Size	12	Rear wheel		6.5-10-10PR	6.5-10-10PR
	Track (thread)	13	Front wheel/rear wheel	mm	1005/980	1005/980
Mast	Lift height	14	std 2-Stage mast	mm	3000	3000
	Free lift	15	std 2-Stage mast	mm	145	145
	Height, mast lowered	16	std 2-Stage mast	mm	2120	2140
	Height, mast extended	17	std 2-Stage mast	mm	4146	4146
	Mast tilt, fwd/back	18	std 2-Stage mast	deg	6/12	6/12
	Fork carriage	19	Width	mm	1100	1100
	Fork spread	20	Min/Max	mm	272/1072	272/1072
	Fork dimensions	21	T x W x L	mm	45×122×1070	50×122×1070
Chassi	Overall Length (to thefront end of the fork)	22	std 2-Stage mast	mm	2720	2795
	Overall width	23		mm	1225	1225
	Overhead Guard Height	24		mm	2150	2150
	Turning Radius	25		mm	2450	2508
	Fork Overhang	26	Full load/unloaded	mm	475	480
	Right Angle Stack	27	AST 1000×1200Crossways AST 800×1200Lengthways	mm	4125 4325	4188 4388
	add load length and clearance	28	AST 1000×1200Crossways AST 800×1200Lengthways	mm	2650 2650	2708 2708
	Ground Clearance	29	minimum loaded	mm	135	135
		30	center of wheelbase	mm	150	150
Performance	Travel speed	31	Full load/unloaded	km/h	20/20	20/20
	Lift speed	32	Full load/unloaded	mm/s	420/450	400/450
	Lower speed	33	Full load/unloaded	mm/s	500/480	500/480
	Max. traction force	34	5-minute working system	N	19326	19326
	Maximum Gradeability	35	5-minute working system (Full load/unloaded)	%	22/25	20/24
System	electric-control	36	Travel /Work Pump		AC	AC
	Motor	37	Drive motor power	kW	20.0	20.0
		38	Work pump motor power	kW	27.0	27.0
	Battery	39	Types		Lithium battery	Lithium battery
		40	Voltage	V	80	80
		41	Capacity	Ah	450/525	450/525
		42	weight, minimum/maximum	kg	400	400

CAPACITY

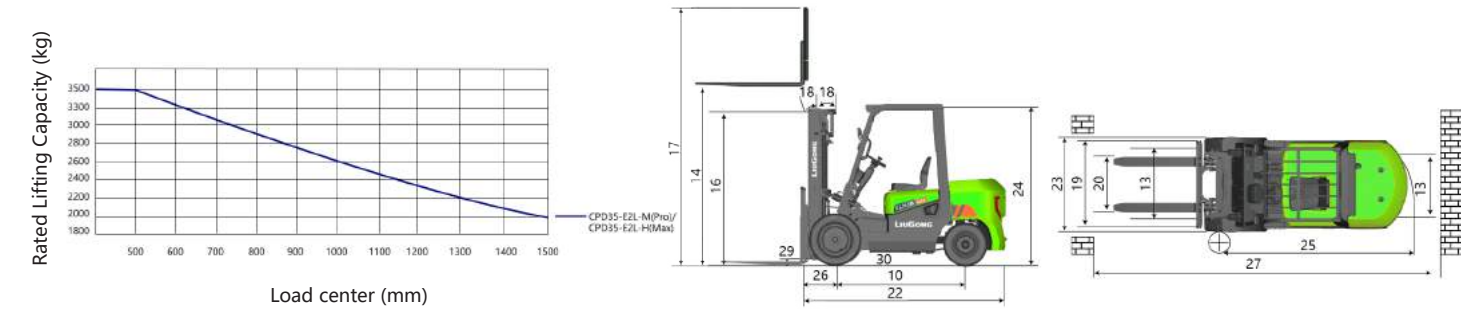
Mast type	Max. Lift Height (mm)	Mast height (mm)	Mast tilt (°)	Free lift height (mm)	Load capacity (Load center 500mm)(kg)		Weight (with standard fork)(kg)	
					With standard fork	With side shifter		
					CPD30-E2JL-M/H		CPD30-E2JL-M	CPD30-E2JL-H
2-Stage ordinary ma st	3000	2105	6/12	145	3000	2750	4284	4445
	3300	2255	6/12	145	3000	2750	4311	4472
	3500	2355	6/12	145	2750	2600	4329	4490
	4000	2655	6/6	145	2600	2500	4421	4582
	4500	2905	6/6	145	2400	2300	4466	4627
	5000	3155	6/6	145	2200	2100	4511	4672
	5500	3500	6/6	145	2100	2000	4611	4772
	6000	3750	6/6	145	2000	1900	4658	4819
Full-Free Lift - 2-Stage Mast	2700	1955	6/12	808	3000	2250	4283	4444
	3000	2105	6/12	958	3000	2750	4311	4472
	3300	2255	6/12	1108	3000	2750	4339	4500
	3500	2355	6/12	1208	2750	2600	4358	4519
Full-Free Lift 3-Stage Mast	3600	1850	6/6	703	2650	2450	4451	4612
	4000	1985	6/6	838	2450	2250	4488	4649
	4500	2150	6/6	1003	2250	2050	4534	4695
	4700	2220	6/6	1073	2100	1950	4553	4714
	5000	2320	6/6	1173	1900	1600	4580	4741
	5500	2640	6/6	1493	1700	1450	4762	4923
	6000	2890	6/6	1743	1500	1300	4828	4989



CAPACITY

CPD30/35-E2JL-M/H
E-Series Counterbalance Battery Forklift Truck

Mast type	Max. Lift Height (mm)	Mast height (mm)	Mast tilt (°)	Free lift height (mm)	Load capacity (Load center 500mm)(kg)		Weight (with standard fork)(kg)	
					With standard fork	With side shifter		
					CPD35-E2JL-M/H		CPD35-E2JL-M	CPD35-E2JL-H
2-Stage ordinary ma st	3000	2150	6/12	145	3500	2750	4597	4660
	3300	2300	6/12	145	3500	2750	4625	4688
	3500	2400	6/12	145	3250	2600	4643	4706
	4000	2700	6/6	145	3100	2500	4742	4805
	4500	2950	6/6	145	2900	2300	4788	4851
	5000	3200	6/6	145	2700	2100	4833	4896
	5500	3500	6/6	145	2600	2000	4910	4973
	6000	3750	6/6	145	2500	1900	4958	5021
Full-Free Lift - 2-Stage Mast	2700	2000	6/12	858	3500	2250	4608	4671
	3000	2150	6/12	1008	3500	2750	4639	4702
	3300	2300	6/12	1158	3500	2750	4670	4733
	3500	2400	6/12	1258	3250	2600	4690	4753
Full-Free Lift 3-Stage Mast	3600	1920	6/6	778	3150	2450	4814	4877
	4000	2055	6/6	913	2950	2250	4854	4917
	4500	2220	6/6	1078	2750	2050	4904	4967
	4700	2290	6/6	1148	2600	1950	4920	4983
	5000	2390	6/6	1248	2400	1600	4954	5017
	5500	2640	6/6	1498	2200	1450	5063	5126
	6000	2890	6/6	1748	2000	1300	5131	5194



Standard / Optional

Component	Configuration	Pro	Max	Component	Configuration	Pro	Max
Terminal standard	European standard terminal	●	●	Mast	2-Stage 5.5m mast	○	○
controller	Jiachen controller	●	●		2-Stage 6m mast	○	○
Front Tire	Air pneumatic tire	●	●		2-Stage 2.7 m Full-Free Lift Mast	○	○
	Solid pneumatic tire	○	○		2-Stage 3 m Full-Free Lift Mast	○	○
	double pneumatic	○	○		2-Stage 3.5 m Full-Free Lift Mast	○	○
	Non-marking solid pneumatic tire	○	○		3-Stage 3.6 m Full-Free Lift Mast	○	○
Rear Tire	Pneumatic tire	●	●		3-Stage 4m Full-Free mast	○	○
	Solid Pneumatic tire	○	○		3-Stage 4.5 m Full-Free Lift Mast	○	○
	Non-marking solid pneumatic tire	○	○		3-Stage 4.7 m Full-Free Lift Mast	○	○
Seat	Vibration-absorbing seat, seat belt (retractable)	●	-		3-Stage 5 m Full-Free Lift Mast	○	○
	Benfeng semi-suspension seat	○	●		3-Stage 5.5 m Full-Free Lift Mast	○	○
	Benfeng suspension seat	○	○		3-Stage 6 m Full-Free Lift Mast	○	○
Overhead guard	Overhead guard	●	●	Fork carriage	Fork carriage	●	●
	cab	○	○	carriage	carriage	●	●
	front windshield	○	○		1070mm	●	●
Hydraulic	2 function contral valve	●	●	Fork Pallet Fork	1220mm	○	○
	3 function contral valve	○	○		1370mm	○	○
	4 function contral valve	○	○		1520mm	○	○
	SHIMADZU pum	○	○		1670mm	○	○
	SHIMADZU pum+SHIMADZU valve	○	○		1820mm	○	○
battery (80V)	230Ah	●	-		1970mm	○	○
	280Ah	○	-		2120mm	○	○
	350Ah	○	-		2440mm	○	○
	450Ah	○	●		Without fork	○	○
	525Ah	○	○		Cascade side shifter	○	○
Battery Charger	Lithium battery charger single phase220V 80V/35A	○	○	Other accessories	China side shifter	○	○
	Lithium battery charger three-phase380V 80V/65A	○	○		Driver permission card reader	○	●
	Lithium battery charger three-phase380V 80V/100A	○	○		Rear armrest horn switch	○	●
	Lithium battery charger three-phase380V 80V/130A	○	○		Lithium battery heating	○	○
	Lithium battery charger three-phase380V 80V/150A	○	○		Electric Fan	○	○
	Lithium battery charger three-phase380V 80V/200A	○	○		extinguisher	○	○
Mast	2-Stage 3m mast	●	●		function hose group	○	○
	2-Stage 3.3m mast	○	○		Additional two function hose group	○	○
	2-Stage 3.5m mast	○	○		Additional three	○	○
	2-Stage 4m mast	○	○		OPS control	○	○
	2-Stage 4.5m mast	○	○		Seat belt OPS	○	○
	2-Stage 5m mast	○	○				

Note: ● Standard configuration ○ Optional configuration - No Optional