



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

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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

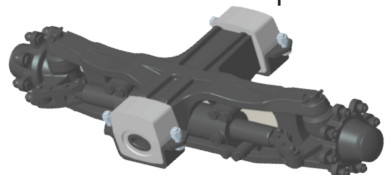
- Large diameter steering tires, better wear resistance.

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.



CPD30/35-E2JL-M/H

E-Series Counterbalance Battery Forklift Truck

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.

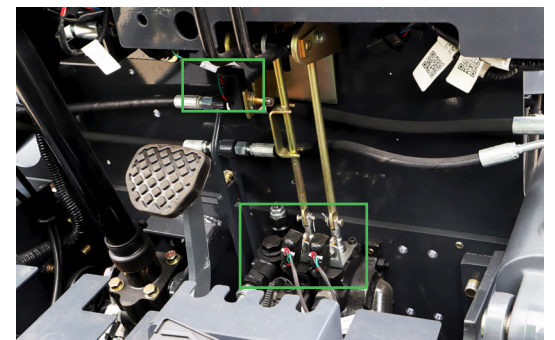
Low energy consumption, fast charging, long battery life

- 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.



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.

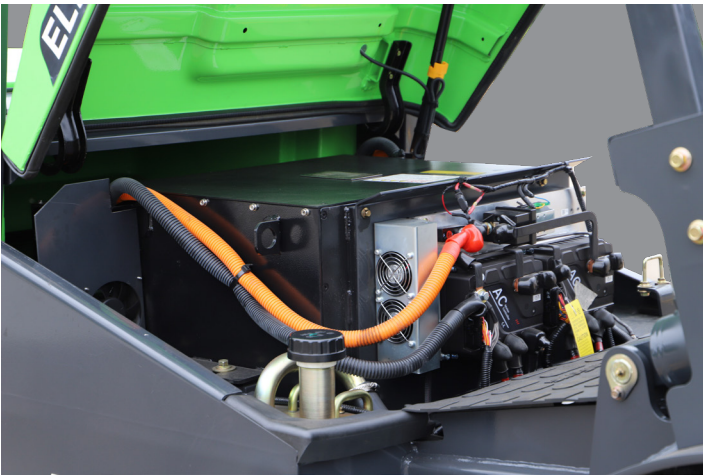


CPD30/35-E2JL-M/H
E-Series Counterbalance Battery Forklift Truck

Easy maintenance

Intelligent

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



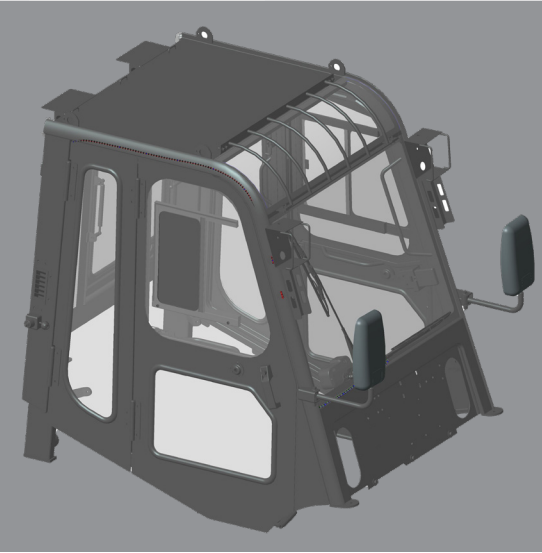
All-weather operation

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

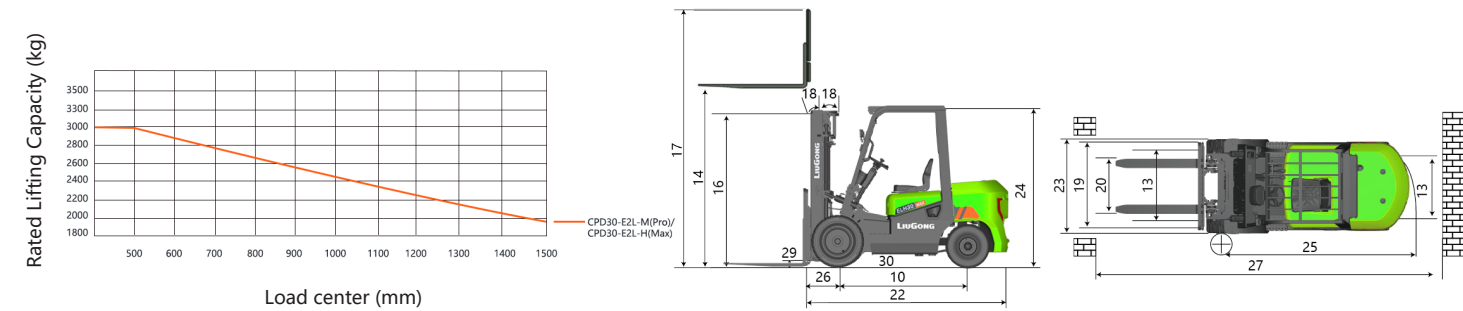
E-Series Counterbalance Battery Forklift Truck

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/H		CPD30-E2JL-M
2-Stage ordinary mast	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

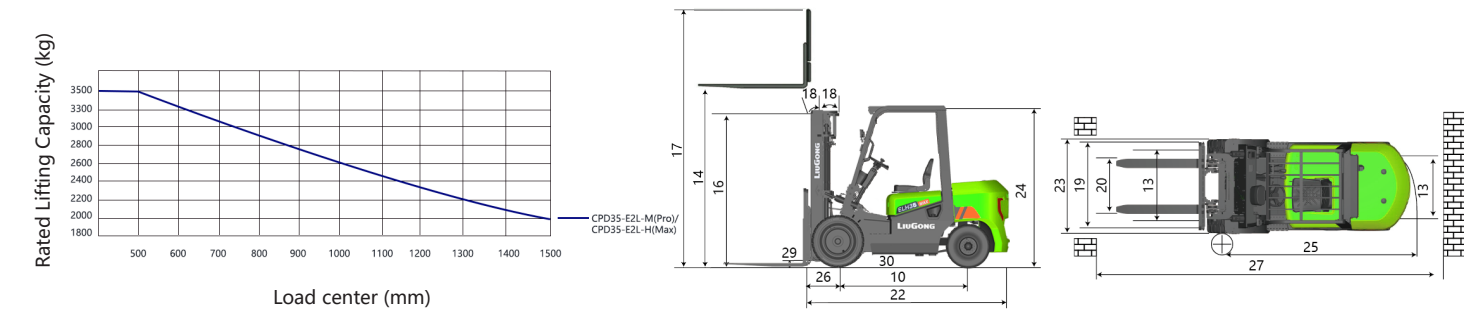


CAPACITY

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/H		CPD35-E2JL-M
2-Stage ordinary mast	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