

## CPD30/35-EJL STANDARD / OPTIONAL CONFIGURATION

CONFIGURATION	STANDARD	OPTIONAL
Lithium battery	CPD30/35-EJL:80V/205Ah	80V/280Ah;80V/405Ah
Charger	Lithium Battery charger Three-phase 380V 80V/65A	Lithium Battery charger Single-phase 220V 80V/35A Lithium Battery charger Three-phase 380V 80V/100A Lithium Battery charger Three-phase 380V 80V/150A Lithium Battery charger Three-phase 380V 80V/200A
Tyres	Pneumatic tyre	Solid tyre、none-marking tyre、Wide base tyre
Multi valve	Two way valve	Three way valve、Four way valve
Seat	Shock absorbing seat	Semi-suspension seat、Full-suspension seat
Mast	2 stage 3m mast	2stage mast、2stage Full-free mast、3stage Full-free mast
Light	LED work light	Rear working light、Warning light、Road plate light、Reverse buzzer
Cooling and heat system	-	Air condition、Fans heater、Fans
Auxiliary control	Reverse Grab Handle with Horn Button	Curve deceleration, Bottom buffer, reversing camera,OPS control,seat belt OPS
Fork	Fork 1070mm	Multiple specifications
Attachments	-	Sideshift、Tilt Fork、Carbon camp Rotate、Fork positioning



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### LG-PB-CPD30/35-EJL -062023

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# E-SERIES CPD30/35-EJL

## LITHIUM BATTERY COUNTER-BALANCED FORKLIFTS

TOUGH WORLD. TOUGH EQUIPMENT.

# CPD30/35-EJL PRODUCT FEATURES

## 1 Reliability and Stability

## 2 Green Energy-Saving

## 3 Easy Maintenance

The E-series lithium battery forklift is a new generation of forklift developed by Liugong for light and medium working conditions based on the 3T/3.5T E series National IV internal combustion engine platform according to market demand. The fuel forklift is upgraded to a green, energy-saving, economical, reliable and stable lithium battery forklift, which can easily replace the general internal combustion working condition.



**Whole Vehicle LED Lighting System**

- LED lights of whole vehicle with energy-saving, high brightness and long life



**Robust and Stable Overhead Guard**

- High strength overhead guard
- Thicken the columns of the overhead guard to make it stronger



**Sturdy Rear Columns**

- 130mm ultra-wide rear column with solid and sturdy



**Extra Wide Field of Visibility Mast**

- The wide-view mast is upgraded with 440 high-strength steel, which increases its strength by 35% and has a wider field of visibility, greatly improving operational safety



**Ergonomic Cab**

- Ergonomically optimize the cab, reasonably layout the operating levers, and arrange the height of accelerator and brake pedal on the same plane, so as to effectively alleviate the driver's fatigue;
- Equipped with a small steering wheel to increase the operating space



**High Fulcrum Tilt Cylinder Mounting**

- The high fulcrum design of the tilt cylinder mounting makes the mast more stable and reliable

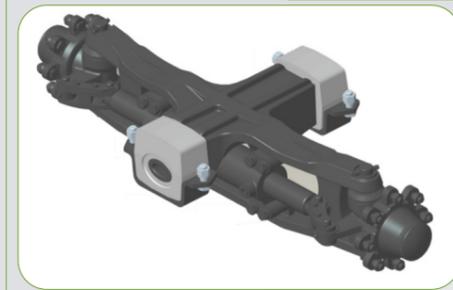


• The motor is maintenance-free; electric control units, fuses and other related parts can be directly accessed without tools for maintenance

• Ultra short front overhang makes it more stable

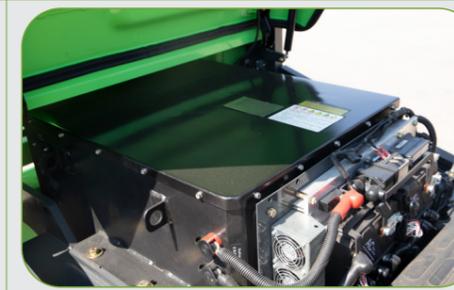
• Optimize the heat dissipation of the electrical system to make it more adaptable to harsh working environment

• The tail frame is integrally stamped and formed, and the front fender of the frame is thickened to 12mm



**Standard Heavy-duty Casting Steering Axle**

The integral casting axle body makes it more robust, and the rear axle is equipped with shock-absorbing and buffering functions and reinforced bearings to make it strong in impact resistance and long in service life



**New System Layout**

- The new system layout makes the electrical efficiency high and the heat dissipation efficient so as to achieve the purpose of long-term operation
- Standard 205Ah lithium battery, 65A charger, fast charging, more large capacity optional, no worries about battery life



**Large Angle Opening of Engine Hood**

- The opening angle of the hood is large, and the battery, electric control, and motor can be accessed directly after opening the hood, which makes maintenance more convenient

**Removing Floor with Tool-free**

- Simple operation, saving time and labor for routine maintenance



**Steering Axle**

- Enlarging the steering axle angle, thickening the oil cylinder and replacing ordinary bearings with tapered roller bearings, so as to achieve high reliability, small turning radius and less tire wear



**Configure an External Charger**

- External 65A charger, input voltage three-phase 380V; optional 100A or 150A charger to achieve fast charging

## AFTER-SALE WITHOUT WORRY

All products are strictly controlled in accordance with ISO9001 and ISO14000 standards from design and development to after-sales service. Each product has passed the in-factory load test, and the test results prove that the product quality is high-quality and reliable and meets the actual requirements of users.



Provide Solutions



Service Staff In Pace



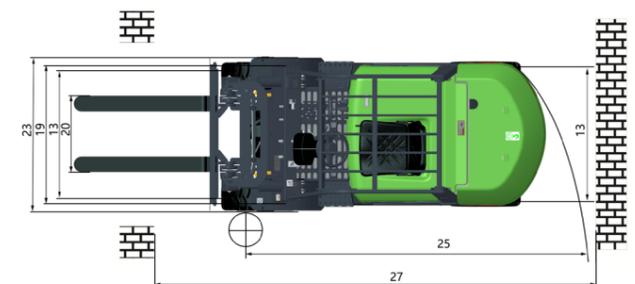
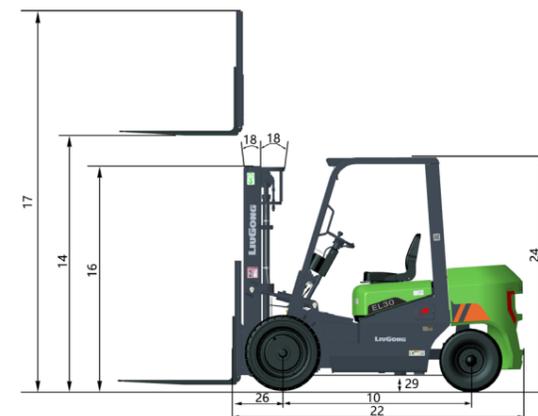
Completed from Response to Service

## OPERATING CONDITIONS



## PRODUCT SPECIFICATIONS

	Model	1			CPD30	CPD35
			Configuration Number	2	EJL	EJL
Overall	Base Capacity	3	Rated load center	kg	3000	3500
	Load center	4		mm	500	500
Weight	Service Weight	5	Unloaded	kg	4160	4490
	Axle Load	6	Full load/unloaded, front axle	kg	6498/1836	7246/1787
		7	Full load/unloaded, rear axle	kg	742/2404	818/2777
Tire	Tire Type	8			Pneumatic tire	Pneumatic tire
	Wheels	9	Front wheel/rear wheel		2/2	2/2
	Wheelbase	10		mm	1760	1760
		11	Front Tire		28x9-15-14PR	28x9-15-14PR
	12	Rear wheel		6.5-10-10PR	6.5-10-10PR	
Mast	Tread Width	13	Front wheel/rear wheel	mm	1005/980	1005/980
	Max. Fork Height	14		mm	3000	3000
	Free lift	15		mm	145	145
	Height, mast lowered	16	std 2-Stage mast	mm	2120	2120
	Height, mast extended	17		mm	3605	3605
	Mast tilt, fwd/back	18		deg	6/12	6/12
Chassis	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	45x122x1070	50x122x1070
	Overall Length (to the front end of the fork)	22	std 2-Stage mast	mm	2720	2778
Performance	Overall width	23		mm	1225	1225
	Overhead guard height	24		mm	2150	2150
	Turning Radius	25		mm	2450	2508
	Travel speed	26		km/h	12/13	12/13
	Lift speed	27	Full load/unloaded	mm/s	290/400	290/400
	Lower speed	28		mm/s	440/430	440/430
System	Max. traction force	29	5-minute working system	kg	13180	13180
	Maximum Gradeability	30	5-minute working system	%	15	15
	Controller	31			Jiachen	Jiachen
	Drive motor	32	S2 60min working system	kW	10	10
	Pump motor	33	S3 15%working system	kW	15	15
	Battery	34	Types		Lithium battery	Lithium battery
35		Voltage	V	80	80	
36		Capacity (5h)	Ah	sta:205 opt:280/410	sta:205 opt:280/410	



## MAST AND CAPACITY INFORMATION

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	Waith side shifter	
					CPD30-EJL		
Standard 2-Stage	3000	2120	6/12	145	3000	2750	4160
	3300	2270	6/12	145	3000	2750	4186
	3500	2370	6/12	145	2750	2600	4209
	4000	2670	6/6	145	2600	2500	4286
	4500	2920	6/6	145	2400	2300	4300
	5000	3220	3/6	145	2200	2100	4374
	5500	3670	3/6	145	2100	2000	4421
	6000	4020	3/6	145	2000	1900	4496
Full-Free Lift - 2-Stage Mast	2500	1870	6/12	714	2500	2250	4176
	3000	2120	6/12	964	3000	2750	4220
	3500	2370	6/12	1214	2750	2600	4269
Full-Free Lift 3-Stage Mast	3600	1815	6/6	659	2650	2450	4355
	4000	1950	6/6	794	2450	2250	4390
	4500	2120	6/6	964	2250	2050	4430
	4700	2190	6/6	1034	2100	1950	4450
	5000	2295	3/6	1134	1900	1600	4500
	5500	2450	3/6	1304	1700	1450	4590
	6000	2630	3/6	1474	1500	1300	4640

## MAST AND CAPACITY INFORMATION

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	Waith side shifter	
					CPD35-EJL		
Standard 2-Stage	3000	2120	6/12	145	3500	3250	4490
	3300	2270	6/12	145	3450	3200	4516
	3500	2370	6/12	145	3250	3100	4539
	4000	2670	6/6	145	3100	3000	4616
	4500	2920	6/6	145	2900	2800	4630
	5000	3220	3/6	145	2700	2600	4704
	5500	3670	3/6	145	2600	2500	4770
	6000	4020	3/6	145	2500	2400	4815
Full-Free Lift - 2-Stage Mast	2500	1870	6/12	714	3000	2750	4490
	3000	2120	6/12	964	3500	3250	4530
	3500	2370	6/12	1214	3250	3100	4579
Full-Free Lift 3-Stage Mast	3600	1815	6/6	659	3150	2950	4715
	4000	1950	6/6	794	2950	2750	4750
	4500	2120	6/6	964	2750	2550	4790
	4700	2190	6/6	1034	2600	2350	4780
	5000	2295	3/6	1134	2400	2100	4830
	5500	2450	3/6	1304	2200	1950	4920
	6000	2630	3/6	1474	2000	1800	4970

